

# COLOR

## Color Schemes

Tetratic & Quadratic  
ADVANCED color scheme squares

**Objective:** I will demonstrate how different colors can be used in combination with each other to create various color schemes and describe their effects



**Tetratic** A color scheme that uses a rectangular shape to choose four colors arranged as two complementary pairs. This scheme is colorful, yet balanced, and provides plenty of variety.

**Quadratic** A color scheme that uses a square shape to choose four colors equally spaced around the color wheel. This scheme is colorful, yet balanced, and provides plenty of variety.



### Skill 1: Tetratic Color Scheme

Use the color wheel to find tetratic colors. Paint each of the sections in the squares below in a different tetratic color scheme.


What is the effect of a tetratic color scheme?



### Skill 2: Quadratic Color Scheme

Use the color wheel to find quadratic colors. Paint each of the sections in the squares below in a different quadratic color scheme.


What is the effect of a quadratic color scheme?



### Questions: Color Scheme

#### Advanced

##### Skill 1

Besides the number of colors in the overall color scheme, what did you discover about tetratic & quadratic color schemes when compared to the other color schemes you learned about?

Use the skill exercises above to help you answer the following questions.

##### Skill 2

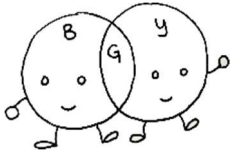
Compare the effect that a tetratic color scheme (four equally spaced colors) might give you as compared to triadic color scheme (three evenly spaced colors). What are some similarities & some differences?

##### Skills 1 & 2

What is your opinion on using four colors in a scheme as opposed to three? What are some advantages and disadvantages?

**Score**  
\_\_\_\_/10





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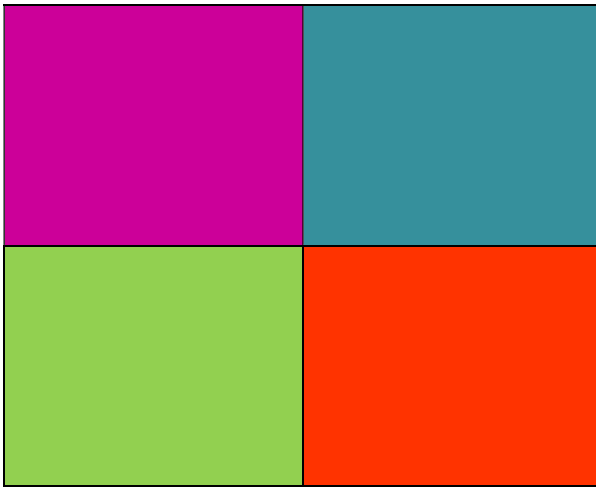
**Tetratic** A color scheme that uses a rectangular shape to choose four colors arranged as two complementary pairs. This scheme is colorful, yet balanced, and provides plenty of variety.

**Quadratic** A color scheme that uses a square shape to choose four colors equally spaced around the color wheel. This scheme is colorful, yet balanced, and provides plenty of variety.



### Skill 1: Tetratic Color Scheme

Use the color wheel to find tetratic colors. Paint each of the sections in the square below in a different color from a tetratic scheme.



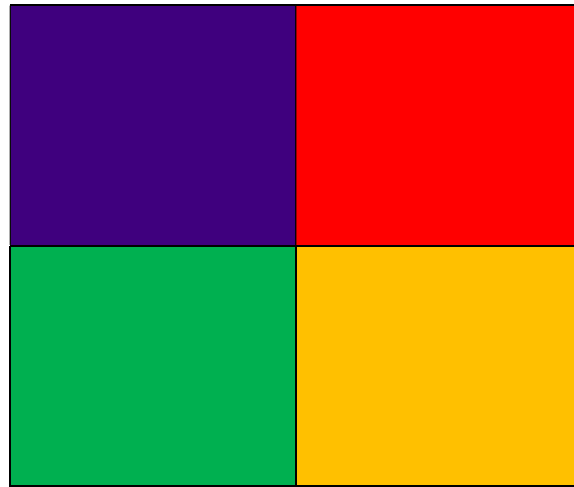
What is the effect of a tetratic color scheme?

Tetratic color schemes are balanced with colors from around the color wheel, but provide more variety. It allows the artist to use two complementary color schemes that are a little lower in contrast because they are closer to each other on the color wheel



### Skill 2: Quadratic Color Scheme

Use the color wheel to find quadratic colors. Paint each of the sections in the square below in a different color from a quadratic scheme.



What is the effect of a quadratic color scheme?

Quadratic color schemes are balanced with colors that are equally spaced around the color wheel, but provide more variety. It allows the artist to use two complementary color schemes that are very high contrast because they are taken from around the color wheel.



### Questions: Color Scheme

#### Advanced

##### Skill 1

Besides the number of colors in the overall color scheme, what did you discover about tetratic & quadratic color schemes when compared to the other color schemes you learned about?

Students should mention that the color schemes tend to be higher contrast, have more color balance, and give a greater number of options to choose from. Acknowledgement that there are two sets of complementary colors is also important



Use the skill exercises above to help you answer the following questions.

##### Skill 2

Compare the effect that a quadratic color scheme (four equally spaced colors) might give you as compared to triadic color scheme (three evenly spaced colors). What are some similarities & some differences?

Students should compare and contrast a quadratic with a triadic color scheme. Some similarities that could be mentioned are color balance, colors taken from around the color wheel, colorful without being "rainbow" hued.

Some differences that could be mentioned are more colors mean using emphasis with just one or two colors, & using the others as accents, as well as acknowledgement that there are two sets of complementary colors.



##### Skills 1 & 2

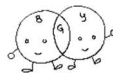
What is your opinion on using four colors in a scheme as opposed to three? What are some advantages and disadvantages?

Students should give their opinion about their preference for Tetratic /Quadratic color schemes vs Triadic color schemes and back their answers up with evidence.

Some advantages that could be mentioned are greater color balance, more variety to choose from.

Some disadvantages that could be mentioned are more colors to work with make it more difficult to even out the colors.





# COLOR ADVANCED Color Schemes

<b>Title</b>			
<b>Description</b>	Students learn about advanced color schemes—tetratic & quadratic—and the different effects that they create in paintings.		
<b>Skills Focus</b>	Students should know how to use a color wheel to investigate the relationships between hues. Students should know how to choose the correct hues to fit within a prescribed color scheme. Students should be able to explain the effects that different color schemes have on the mood or atmosphere of a painting.		
<b>Suggested Time</b>	1-2 class periods		
<b>Resources</b>	<ul style="list-style-type: none"> <li>• <b>Color Harmonies:</b> <a href="http://www.tigercolor.com/color-lab/color-theory/color-theory-intro.htm#color_harmonies">http://www.tigercolor.com/color-lab/color-theory/color-theory-intro.htm#color_harmonies</a></li> <li>• <b>Color Schemes:</b> <a href="http://www.glencoe.com/sites/common_assets/art/artquests/color_schemes.htm">http://www.glencoe.com/sites/common_assets/art/artquests/color_schemes.htm</a></li> <li>• <b>Brandi Girl Blog: Color Schemes:</b> <a href="http://www.brandigirlblog.com/2012/11/why-do-some-color-schemes-work-and-others-dont.html">http://www.brandigirlblog.com/2012/11/why-do-some-color-schemes-work-and-others-dont.html</a></li> <li>• <b>The Art of Ed:</b> <a href="https://www.theartofed.com/2015/09/21/all-our-favorite-ways-to-teach-color-theory-in-one-place/">https://www.theartofed.com/2015/09/21/all-our-favorite-ways-to-teach-color-theory-in-one-place/</a></li> <li>• <b>Edutopia:</b> <a href="http://www.edutopia.org/blog/film-festival-color-science-philosophy-art">http://www.edutopia.org/blog/film-festival-color-science-philosophy-art</a></li> </ul>		
<b>Vocabulary</b>	Tetratic, Quadratic		
<b>Objectives</b>	I will demonstrate how different colors can be used in combination with each other to create various color schemes and describe their effects.		
<b>National Standards</b>	<b>6<sup>th</sup> Grade:</b> 6.AS.1b 6.AS.2a 6.AS.2b 6.AS.3	<b>7<sup>th</sup> Grade:</b> 7.AS.2a 7.AS.2b	<b>8<sup>th</sup> Grade:</b> 8.AS.2a 8.AS.2b 8.AS.3
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Artonauts ADVANCED COLOR SCHEMES worksheet</li> <li>• <i>Suggested pigment:</i> Watercolor or tempera in primary hues</li> <li>• Paintbrushes</li> <li>• Water cups</li> <li>• Towels/paper towels</li> <li>• Drying Rack</li> </ul>		
<b>Suggested Instruction &amp; Activities</b>	<ol style="list-style-type: none"> <li>1. <b>DIRECT:</b> Review vocabulary with students. Use a strategy that you are comfortable with to help the students learn the vocabulary. Artonauts suggests covering basic color theory concepts including using a color wheel to determine relationships between hues and how this relates to finding appropriate colors for certain color schemes. Review BASIC &amp; INTERMEDIATE color schemes if needed.</li> <li>2. <b>GUIDED:</b> Have a class discussion about the effects that different color schemes have on the mood of different pictures by looking at masterworks. Works with TETRATIC or QUADRATIC color schemes are very similar to TRIADIC color schemes in their effects. A work with these color schemes might give off a feeling of balance, harmony, colorfulness, vibrancy, liveliness, enthusiasm, etc. Let students describe these feelings as they see them in the masterworks, with guiding questions from the teacher.</li> <li>3. <b>GUIDED:</b> Demonstrate/explain how to properly fill out the color squares for each color scheme.</li> <li>4. <b>INDEPENDENT:</b> Students should fill out the color squares by mixing the proper colors for each color scheme. Students may work together, but each should have their own finished color scheme squares.</li> <li>5. <b>INDEPENDENT:</b> Students should answer the questions about basic color schemes using the skill exercises to help them. You might choose to use these questions as bell work as you move through the skill exercises, or have the students answer the questions as a closure activity.</li> </ol>		
<b>Assessment</b>	<b>Formal</b> In each section you will see these symbols: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> means everything is correct,  means the craftsmanship is very good. Mark each section correct and/or that it has good craftsmanship. The question section has suggested answers that you should look for in correct and complete student responses.	<b>Informal</b> During guided and independent color mixing, walk around to make sure students are filling out the color scheme squares correctly.  Make sure students are using correct color combinations.  Ask questions as you are demonstrating about the skill exercises that will help them to relate them to the questions they will be answering.	
<b>Closure</b>	This should happen daily. Use some informal assessment techniques to evaluate what the students have learned that day. Some examples might be a ticket out the door, sticky notes, class discussion, think-pair-share, or your favorite strategy.		

