

Converting Colors

RGB(109, 141, 212)

Have a look what the booklet for
RGB(109, 141, 212) contains.

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Color

RGB(109, 141, 212)

Conversions

Conversions Part 1

Format	Color
Hex	6D8DD4
RGB	109, 141, 212
RGB Percent	43%, 55%, 83%
CMY	0.5725, 0.4471, 0.1686
CMYK	0.49, 0.33, 0.00, 0.17
HSL	221°, 54%, 63%
HSV	221°, 49%, 83%
XYZ	27.7152, 27.0544, 66.0486
YIQ	139.5260, -41.8630, 15.2970

Conversions

Conversions Part 2

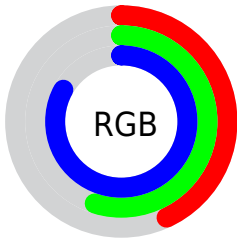
Format	Color
R _Y B	109, 133, 212
Decimal	7179732
CIE Lab	59.02, 8.18, -39.95
CIE LCh	59, 40.779, 281.570
Yxy	27.0544, 0.2294, 0.2239
Android (android.graphics.Color)	4285369812 (0xFF6D8DD4)
YUV	139.5260, 35.7297, -26.7713
Hunter-Lab	52.0139, 4.0882, -38.8783

Details

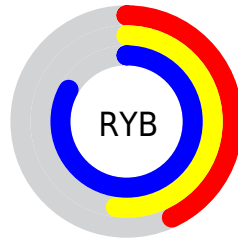
The RGB color **109, 141, 212** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **212, 180, 109**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **165, 194, 255**, and **51, 91, 157** is the 20% darker color. If you saturate the color by 10%, you get **88, 126, 212**, and if you desaturate by 10%, it is **130, 156, 212**.

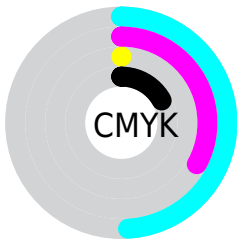
Distribution



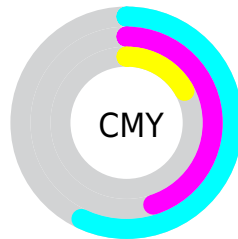
- Red (43%)
- Green (55%)
- Blue (83%)



- Red (43%)
- Yellow (52%)
- Blue (83%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 141, 212 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 109, 141, 212 by changing the saturation by 10% instead.

 109, 141, 212

255, 255, 255


 165, 194, 255


 194, 222, 255

 223, 251, 255

253, 255, 255

 109, 141, 212

 81, 116, 184

 51, 91, 157

 12, 68, 131

 0, 46, 105

 0, 26, 80

 0, 2, 57

 0, 2, 35

 0, 0, 9

 0, 0, 0

■ 109, 141, 212

■ 109, 141, 212

■ 88, 126, 212

■ 130, 156, 212

■ 67, 112, 212

■ 151, 170, 212

■ 45, 97, 212

■ 173, 185, 212

■ 24, 83, 212

■ 194, 199, 212

■ 3, 68, 212

■ 215, 214, 212

■ 0, 66, 212

■ 236, 229, 212

■ 255, 243, 212

■ 255, 255, 212

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 152, 209



109, 141, 212



163, 127, 196

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109, 141, 212



204, 120, 96



60, 159, 118

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109, 141, 212



212, 180, 109

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111, 154, 87



109, 141, 212



182, 132, 74

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109, 141, 212



210, 113, 129



151, 144, 70



0, 161, 155

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109, 141, 212



188, 119, 177



151, 144, 70



80, 158, 107

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109, 141, 212



217, 229, 255



109, 212, 179



105, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109, 141, 212



107, 153, 255



128, 109, 212



96, 100, 107



0, 53, 171



0, 13, 43

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



212, 109, 141



255, 107, 153



193, 212, 109



107, 96, 100



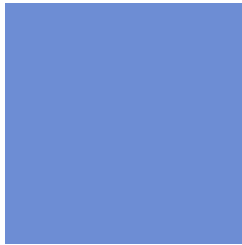
171, 0, 53



43, 0, 13

Previews

White Background



This preview shows how the RGB color 109, 141, 212 looks on a white background.

Color Contrast Check

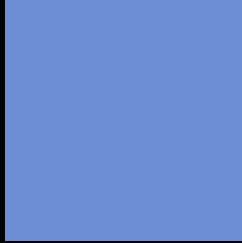
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 109, 141, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

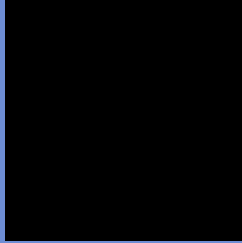
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 109, 141, 212 Background



This preview shows how black text looks on a background with the RGB color 109, 141, 212.

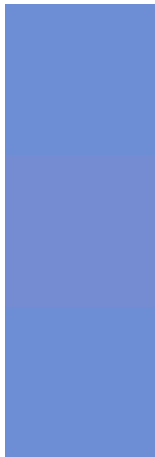


This preview shows how white text looks on a background with the RGB color 109, 141, 212.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
109, 141, 212

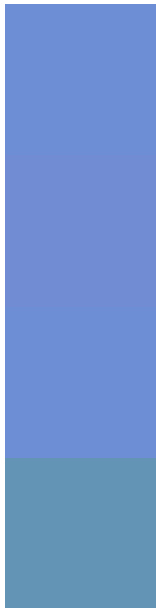
Protanopia
117, 139, 210

Deuteranopia
109, 141, 212



Tritanopia
94, 151, 163

Trichromacy



Original Color

109, 141, 212

Protanomaly

114, 140, 211

Deuteranomaly

109, 141, 212

Tritanomaly

99, 147, 181

Monochromacy



Original Color

109, 141, 212

Achromatopsia

140, 140, 140

Achromatomaly

129, 140, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 141, 212 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(109, 141, 212)` looks like.

```
.text, #text, p{  
    color:rgb(109, 141, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(109, 141, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 141, 212) }
```

Border

The CSS property to change the border of an element to RGB 109, 141, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 141, 212) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(109, 141, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(109, 141, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 141, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 141, 212);  
box-shadow:4px 4px 4px 4px rgb(109, 141,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 109, 141, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 141, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(109,  
141, 212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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