

Converting Colors

RGB(108, 139, 173)

Have a look what the booklet for
RGB(108, 139, 173) contains.

RGB(108, 139, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(108, 139, 173)

Conversions

Conversions Part 1

Format	Color
Hex	6C8BAD
RGB	108, 139, 173
RGB Percent	42%, 55%, 68%
CMY	0.5765, 0.4549, 0.3216
CMYK	0.38, 0.20, 0.00, 0.32
HSL	211°, 28%, 55%
HSV	211°, 38%, 68%
XYZ	22.9598, 24.6705, 43.0869
YIQ	133.6070, -29.3900, 4.0020

Conversions

Conversions Part 2

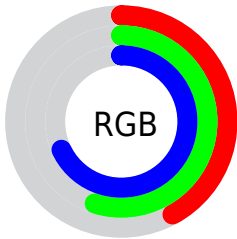
Format	Color
RYB	108, 129, 173
Decimal	7113645
CIELab	56.75, -2.19, -21.40
CIELCh	57, 21.510, 264.145
Yxy	24.6705, 0.2531, 0.2719
Android (android.graphics.Color)	4285303725 (0xFF6C8BAD)
YUV	133.6070, 19.4207, -22.4573
Hunter-Lab	49.6694, -4.4095, -16.6639

Details

The RGB color **108, 139, 173** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **173, 142, 108**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **161, 192, 229**, and **57, 89, 121** is the 20% darker color. If you saturate the color by 10%, you get **91, 130, 173**, and if you desaturate by 10%, it is **125, 148, 173**.

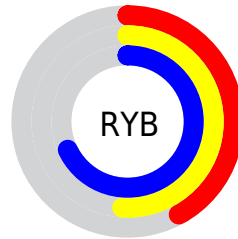
Distribution



Red (42%)

Green (55%)

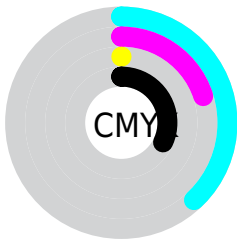
Blue (68%)



Red (42%)

Yellow (51%)

Blue (68%)

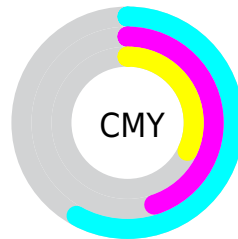


Cyan (38%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 139, 173 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 108, 139, 173 by changing the saturation by 10% instead.

■ 108, 139, 173

255, 255, 255

■ 161, 192, 229

■ 189, 220, 255

■ 217, 249, 255

■ 246, 255, 255

■ 108, 139, 173

■ 82, 114, 146

■ 57, 89, 121

■ 31, 66, 96

■ 0, 44, 72

■ 0, 24, 49

■ 0, 2, 28

■ 0, 0, 0

■ 108, 139, 173

■ 91, 130, 173

■ 108, 139, 173

■ 125, 148, 173

■ 73, 121, 173

■ 143, 157, 173

■ 56, 112, 173

■ 160, 166, 173

■ 39, 103, 173

■ 177, 175, 173

■ 22, 94, 173

■ 195, 184, 173

■ 4, 85, 173

■ 212, 193, 173

■ 0, 83, 173

■ 229, 202, 173

■ 246, 211, 173

■ 255, 220, 173

Harmonies

Analogous

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



87, 144, 166



108, 139, 173



134, 133, 170

Triad

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



108, 139, 173



174, 123, 122



112, 144, 114

Complementary

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



108, 139, 173



173, 142, 108

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.



134, 140, 102



108, 139, 173



168, 128, 107

Square

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



108, 139, 173



171, 123, 141



153, 134, 99



93, 146, 132

Rectangle

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



108, 139, 173



150, 128, 163



153, 134, 99



120, 143, 109

Sweetspot

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



108, 139, 173



200, 211, 224



108, 173, 142



98, 105, 112



240, 240, 240



112, 112, 112

Same Dimension

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



108, 139, 173



123, 172, 224



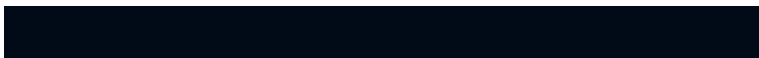
109, 108, 173



78, 82, 87



0, 72, 150



0, 11, 23

Inverse Universe

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



173, 108, 139



224, 123, 172



172, 173, 108



87, 78, 82



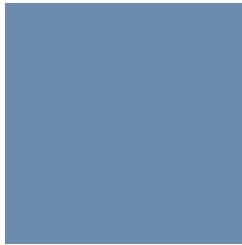
150, 0, 72



23, 0, 11

Previews

White Background



This preview shows how the RGB color 108, 139, 173 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 108, 139, 173 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

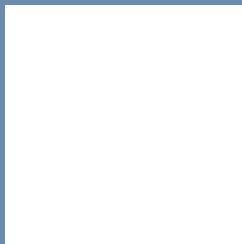
Any Text WCAG AAA × Fail

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

RGB 108, 139, 173 Background



This preview shows how black text looks on a background with the RGB color 108, 139, 173.



This preview shows how white text looks on a background with the RGB color 108, 139, 173.

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
108, 139, 173

Protanopia
127, 134, 170

Deuteranopia
129, 133, 174



Tritanopia
103, 142, 154

Trichromacy



Original Color
108, 139, 173

Protanomaly
120, 136, 171

Deuteranomaly
121, 135, 174

Tritanomaly
105, 141, 161

Monochromacy



Original Color
108, 139, 173

Achromatopsia
134, 134, 134

Achromatomaly
125, 136, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 139, 173 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(108, 139, 173)` looks like.

```
.text, #text, p{  
    color:rgb(108, 139, 173)  
}
```

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(108, 139, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 139, 173) }
```

Border

The CSS property to change the border of an element to RGB 108, 139, 173 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(108, 139, 173) }
```

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

```
.border{ border-color:rgb(108, 139, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 139, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 139, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 139, 173);  
box-shadow:4px 4px 4px 4px rgb(108, 139,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 108, 139, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 139, 173) }
```

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

```
.background{ background-color: rgb(108,  
139, 173) }
```

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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