

Converting Colors

RGB(112, 138, 199)

Have a look what the booklet for
RGB(112, 138, 199) contains.

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Color

RGB(112, 138, 199)

Conversions

Conversions Part 1

Format	Color
Hex	708AC7
RGB	112, 138, 199
RGB Percent	44%, 54%, 78%
CMY	0.5608, 0.4588, 0.2196
CMYK	0.44, 0.31, 0.00, 0.22
HSL	222°, 44%, 61%
HSV	222°, 44%, 78%
XYZ	26.0794, 25.7452, 57.6276
YIQ	137.1800, -35.0770, 13.4590

Conversions

Conversions Part 2

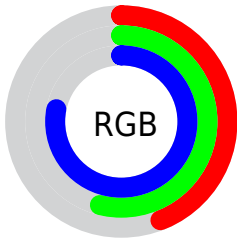
Format	Color
R_{YB}	112, 132, 199
Decimal	7375559
CIE _{Lab}	57.79, 6.83, -34.55
CIE _{LCh}	58, 35.214, 281.176
Yxy	25.7452, 0.2383, 0.2352
Android (android.graphics.Color)	4285565639 (0xFF708AC7)
YUV	137.1800, 30.4773, -22.0829
Hunter-Lab	50.7398, 2.9514, -31.8207

Details

The RGB color **112, 138, 199** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **199, 173, 112**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **167, 191, 255**, and **58, 88, 145** is the 20% darker color. If you saturate the color by 10%, you get **92, 124, 199**, and if you desaturate by 10%, it is **132, 152, 199**.

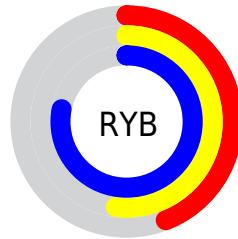
Distribution



Red (44%)

Green (54%)

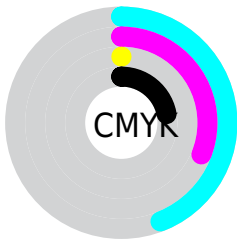
Blue (78%)



Red (44%)

Yellow (52%)

Blue (78%)

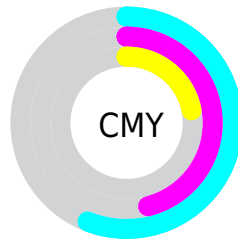


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 138, 199 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 112, 138, 199 by changing the saturation by 10% instead.

■ 112, 138, 199

255, 255, 255

■ 167, 191, 255

■ 195, 219, 255

■ 224, 247, 255

253, 255, 255

■ 112, 138, 199

■ 85, 113, 172

■ 58, 88, 145

■ 27, 65, 119

■ 0, 44, 94

■ 0, 24, 70


■ 0, 4, 47

■ 0, 1, 25


■ 0, 0, 0

■ 112, 138, 199

■ 112, 138, 199

 92, 124, 199

 132, 152, 199


 72, 110, 199

 152, 166, 199

 52, 96, 199

 172, 180, 199


 32, 82, 199


 192, 194, 199

 13, 68, 199

 212, 208, 199

 0, 59, 199

 231, 222, 199

 251, 236, 199

 255, 250, 199

 255, 255, 199

Harmonies

Analogous

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



52, 147, 197



112, 138, 199



157, 127, 185

Triad

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



112, 138, 199



193, 120, 100



74, 154, 118

Complementary

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



112, 138, 199



199, 173, 112

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.



114, 149, 91



112, 138, 199



175, 130, 81

Square

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



112, 138, 199



198, 114, 128



147, 141, 77



8, 155, 150

Rectangle

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



112, 138, 199



178, 120, 169



147, 141, 77



88, 152, 108

Sweetspot

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



112, 138, 199



222, 232, 255



112, 199, 173



107, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



112, 138, 199



122, 162, 255



129, 112, 199



90, 92, 99



0, 49, 163



0, 11, 36

Inverse Universe

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



199, 112, 138



255, 122, 162



182, 199, 112



99, 90, 92



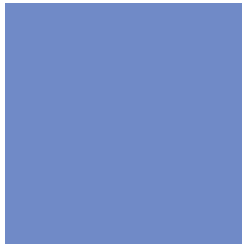
163, 0, 49



36, 0, 11

Previews

White Background



This preview shows how the RGB color 112, 138, 199 looks on a white background.

Color Contrast Check

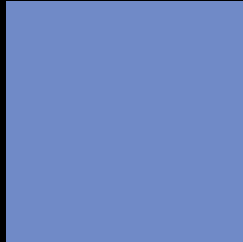
Large Text (above 18pt) WCAG AA ✓ Pass

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 112, 138, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

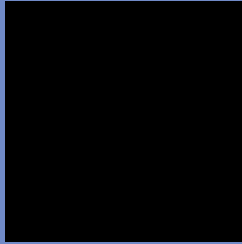
Any Text WCAG AA ✓ Pass

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 112, 138, 199 Background



This preview shows how black text looks on a background with the RGB color 112, 138, 199.

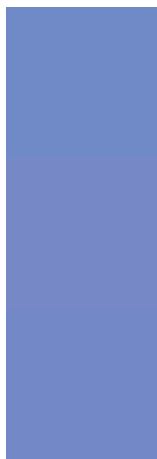


This preview shows how white text looks on a background with the RGB color 112, 138, 199.

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

112, 138, 199

Protanopia

119, 136, 198

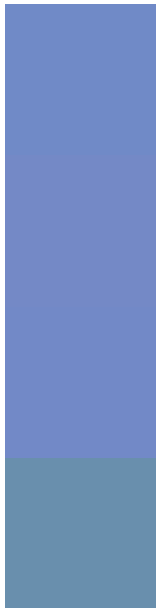
Deuteranopia

115, 137, 199



Tritanopia
101, 146, 158

Trichromacy



Original Color

112, 138, 199

Protanomaly

116, 137, 198

Deuteranomaly

114, 137, 199

Tritanomaly

105, 143, 173

Monochromacy



Original Color

112, 138, 199

Achromatopsia

137, 137, 137

Achromatomaly

128, 137, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 138, 199 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(112, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(112, 138, 199)  
}
```

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(112, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 138, 199) }
```

Border

The CSS property to change the border of an element to RGB 112, 138, 199 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(112, 138, 199) }
```

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

```
.border{ border-color:rgb(112, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 138, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 138, 199);  
box-shadow:4px 4px 4px 4px rgb(112, 138,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 112, 138, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 138, 199) }
```

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

```
.background{ background-color: rgb(112,  
138, 199) }
```

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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