

Converting Colors

RGB(114, 147, 197)

Have a look what the booklet for
RGB(114, 147, 197) contains.

RGB(114, 147, 197)	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(114, 147, 197)

Conversions

Conversions Part 1

Format	Color
Hex	7293C5
RGB	114, 147, 197
RGB Percent	45%, 58%, 77%
CMY	0.5529, 0.4235, 0.2275
CMYK	0.42, 0.25, 0.00, 0.23
HSL	216°, 42%, 61%
HSV	216°, 42%, 77%
XYZ	27.4512, 28.4761, 56.8729
YIQ	142.8330, -35.7180, 8.5540

Conversions

Conversions Part 2

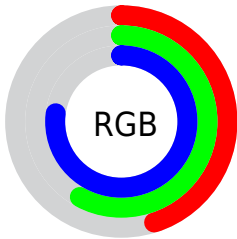
Format	Color
RYB	114, 138, 197
Decimal	7508933
CIELab	60.32, 1.55, -29.49
CIElCh	60, 29.530, 273.018
Yxy	28.4761, 0.2434, 0.2524
Android (android.graphics.Color)	4285699013 (0xFF7293C5)
YUV	142.8330, 26.7043, -25.2865
Hunter-Lab	53.3630, -1.5605, -25.8357

Details

The RGB color **114, 147, 197** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **197, 164, 114**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **169, 201, 254**, and **60, 97, 143** is the 20% darker color. If you saturate the color by 10%, you get **94, 135, 197**, and if you desaturate by 10%, it is **134, 159, 197**.

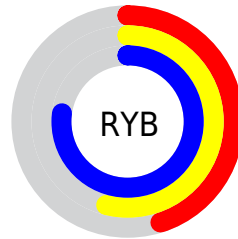
Distribution



Red (45%)

Green (58%)

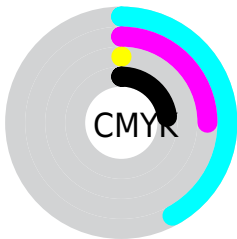
Blue (77%)



Red (45%)

Yellow (54%)

Blue (77%)

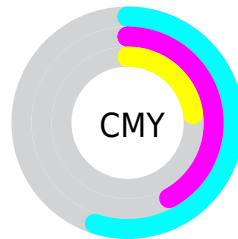


Cyan (42%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 147, 197 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 114, 147, 197 by changing the saturation by 10% instead.


 114, 147, 197


255, 255, 255

 169, 201, 254

 197, 229, 255

 226, 255, 255

 114, 147, 197

 87, 121, 170


 60, 97, 143

 32, 73, 117


 0, 51, 92


 0, 30, 68

 0, 3, 46

 0, 1, 25

 0, 0, 0

 114, 147, 197

 114, 147, 197

■ 94, 135, 197

■ 134, 159, 197

■ 75, 123, 197

■ 153, 171, 197

■ 55, 111, 197

■ 173, 183, 197

■ 35, 100, 197

■ 193, 194, 197

■ 16, 88, 197

■ 213, 206, 197

■ 0, 78, 197

■ 232, 218, 197

■ 252, 230, 197

■ 255, 242, 197

■ 255, 254, 197

Harmonies

Analogous

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



74, 154, 191



114, 147, 197



152, 138, 189

Triad

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



114, 147, 197



195, 128, 118



102, 157, 121

Complementary

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



114, 147, 197



197, 164, 114

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.



133, 152, 101



114, 147, 197



183, 136, 100

Square

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



114, 147, 197



195, 126, 144



161, 145, 93



71, 160, 147

Rectangle

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



114, 147, 197



173, 132, 177



161, 145, 93



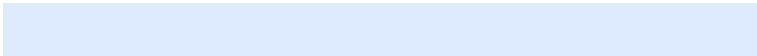
113, 156, 113

Sweetspot

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



114, 147, 197



222, 235, 255



114, 197, 164



107, 115, 128



0, 0, 0



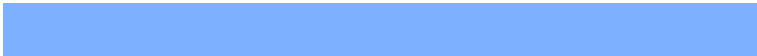
128, 128, 128

Same Dimension

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



114, 147, 197



125, 177, 255



122, 114, 197



90, 93, 99



0, 65, 163



0, 14, 36

Inverse Universe

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



197, 114, 147



255, 125, 177



189, 197, 114



99, 90, 93



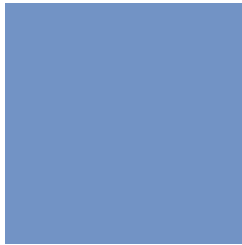
163, 0, 65



36, 0, 14

Previews

White Background



This preview shows how the RGB color 114, 147, 197 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 114, 147, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

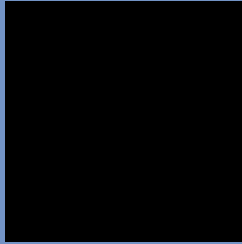
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

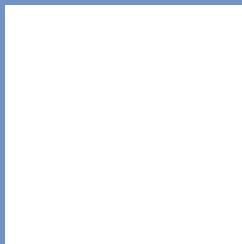
Any Text WCAG AAA × Fail

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

RGB 114, 147, 197 Background



This preview shows how black text looks on a background with the RGB color 114, 147, 197.

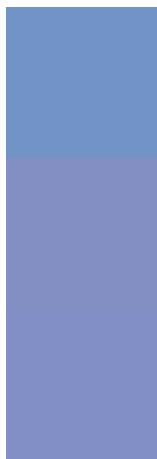


This preview shows how white text looks on a background with the RGB color 114, 147, 197.

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


114, 147, 197

Protanopia

131, 143, 194

Deuteranopia

129, 143, 198



Tritanopia
105, 153, 165

Trichromacy



Original Color

114, 147, 197

Protanomaly

125, 144, 195

Deuteranomaly

124, 144, 198

Tritanomaly

108, 151, 177

Monochromacy



Original Color

114, 147, 197

Achromatopsia

143, 143, 143

Achromatomaly

132, 144, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 147, 197 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(114, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(114, 147, 197)  
}
```

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(114, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 147, 197) }
```

Border

The CSS property to change the border of an element to RGB 114, 147, 197 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(114, 147, 197) }
```

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

```
.border{ border-color:rgb(114, 147, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 147, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(114, 147,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 114, 147, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 147, 197) }
```

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

```
.background{ background-color: rgb(114,  
147, 197) }
```

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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