

Converting Colors

RGB(123, 150, 196)

Have a look what the booklet for
RGB(123, 150, 196) contains.

RGB(123, 150, 196)	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(123, 150, 196)

Conversions

Conversions Part 1

Format	Color
Hex	7B96C4
RGB	123, 150, 196
RGB Percent	48%, 59%, 77%
CMY	0.5176, 0.4118, 0.2314
CMYK	0.37, 0.23, 0.00, 0.23
HSL	218°, 38%, 63%
HSV	218°, 37%, 77%
XYZ	29.0385, 30.0092, 56.4864
YIQ	147.1710, -30.8580, 8.5820

Conversions

Conversions Part 2

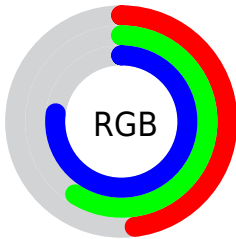
Format	Color
RYB	123, 143, 196
Decimal	8099524
CIELab	61.66, 2.01, -26.80
CIElCh	62, 26.878, 274.279
Yxy	30.0092, 0.2513, 0.2597
Android (android.graphics.Color)	4286289604 (0xFF7B96C4)
YUV	147.1710, 24.0727, -21.1980
Hunter-Lab	54.7806, -1.2455, -22.7898

Details

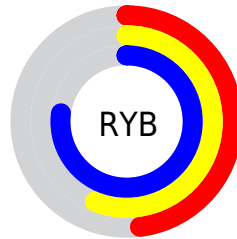
The RGB color **123, 150, 196** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **196, 169, 123**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **178, 204, 253**, and **71, 99, 142** is the 20% darker color. If you saturate the color by 10%, you get **103, 138, 196**, and if you desaturate by 10%, it is **143, 162, 196**.

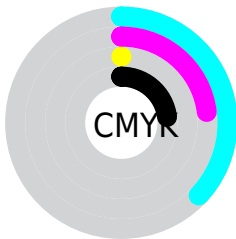
Distribution



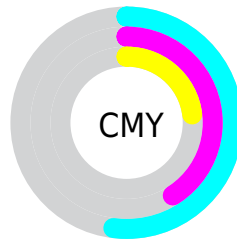
- Red (48%)
- Green (59%)
- Blue (77%)



- Red (48%)
- Yellow (56%)
- Blue (77%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (52%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 150, 196 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 123, 150, 196 by changing the saturation by 10% instead.

 123, 150, 196


255, 255, 255


 178, 204, 253

 206, 232, 255


 234, 255, 255

 123, 150, 196

 97, 124, 169

 71, 99, 142

 44, 76, 116

 14, 53, 92


 0, 32, 68

 0, 8, 45

 0, 1, 24


 0, 0, 0


 123, 150, 196


 123, 150, 196


 103, 138, 196


 143, 162, 196


 84, 125, 196

 162, 175, 196


 64, 113, 196

 182, 187, 196


 45, 101, 196

 201, 199, 196

 25, 88, 196

 221, 212, 196

 5, 76, 196

 241, 224, 196

 0, 72, 196

 255, 236, 196

 255, 249, 196

 255, 255, 196

Harmonies

Analogous

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



90, 157, 191



123, 150, 196



157, 142, 188

Triad

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



123, 150, 196



195, 134, 123



109, 160, 128

Complementary

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



123, 150, 196



196, 169, 123

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.



137, 156, 109



123, 150, 196



183, 140, 107

Square

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



123, 150, 196



195, 131, 146



162, 149, 101



84, 162, 152

Rectangle

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



123, 150, 196



175, 136, 177



162, 149, 101



118, 159, 120

Sweetspot

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



123, 150, 196



227, 237, 255



123, 196, 168



111, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



123, 150, 196



140, 183, 255



132, 123, 196



87, 91, 97



0, 59, 161



0, 12, 33

Inverse Universe

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



196, 123, 150



255, 140, 183



187, 196, 123



97, 87, 91



161, 0, 59



33, 0, 12

Previews

White Background



This preview shows how the RGB color 123, 150, 196 looks on a white background.

Color Contrast Check

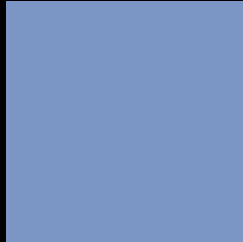
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 150, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

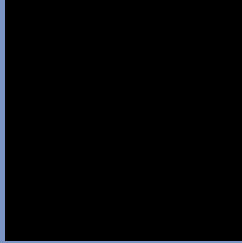
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

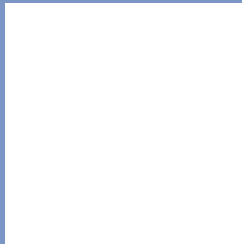
Any Text WCAG AAA ✓ Pass

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

RGB 123, 150, 196 Background



This preview shows how black text looks on a background with the RGB color 123, 150, 196.



This preview shows how white text looks on a background with the RGB color 123, 150, 196.

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
123, 150, 196

Protanopia
136, 147, 194

Deuteranopia
137, 146, 197



Tritanopia
116, 155, 168

Trichromacy



Original Color
123, 150, 196

Protanomaly
131, 148, 195

Deuteranomaly
132, 147, 197

Tritanomaly
119, 153, 178

Monochromacy



Original Color
123, 150, 196

Achromatopsia
147, 147, 147

Achromatomaly
138, 148, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 150, 196 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(123, 150, 196)` looks like.

```
.text, #text, p{  
    color:rgb(123, 150, 196)  
}
```

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(123, 150, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 150, 196) }
```

Border

The CSS property to change the border of an element to RGB 123, 150, 196 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(123, 150, 196) }
```

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

```
.border{ border-color:rgb(123, 150, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 150, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 150, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 150, 196);  
box-shadow:4px 4px 4px 4px rgb(123, 150,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 123, 150, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 150, 196) }
```

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

```
.background{ background-color: rgb(123,  
150, 196) }
```

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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