

Converting Colors

RGB(100, 174, 219)

Have a look what the booklet for
RGB(100, 174, 219) contains.

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Color

RGB(100, 174, 219)

Conversions

Conversions Part 1

Format	Color
Hex	64AEDB
RGB	100, 174, 219
RGB Percent	39%, 68%, 86%
CMY	0.6078, 0.3176, 0.1412
CMYK	0.54, 0.21, 0.00, 0.14
HSL	203°, 62%, 63%
HSV	203°, 54%, 86%
XYZ	33.1778, 38.0959, 72.6224
YIQ	157.0040, -58.5490, -1.6930

Conversions

Conversions Part 2

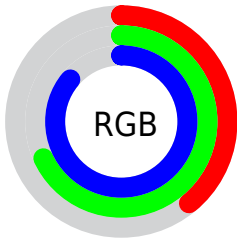
Format	Color
RYB	100, 146, 219
Decimal	6598363
CIELab	68.09, -10.41, -29.76
CIELCh	68, 31.527, 250.718
Yxy	38.0959, 0.2306, 0.2647
Android (android.graphics.Color)	4284788443 (0xFF64AEDB)
YUV	157.0040, 30.5640, -49.9925
Hunter-Lab	61.7219, -12.0630, -26.5557

Details

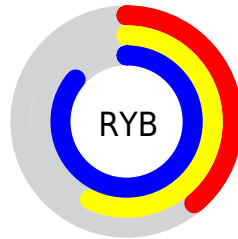
The RGB color **100, 174, 219** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **219, 145, 100**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **158, 229, 255**, and **35, 122, 164** is the 20% darker color. If you saturate the color by 10%, you get **78, 166, 219**, and if you desaturate by 10%, it is **122, 182, 219**.

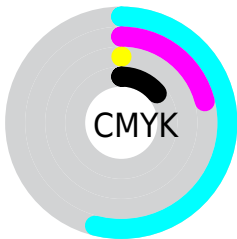
Distribution



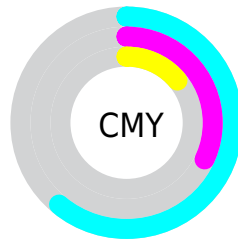
- Red (39%)
- Green (68%)
- Blue (86%)



- Red (39%)
- Yellow (57%)
- Blue (86%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)




- Cyan (61%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 174, 219 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 100, 174, 219 by changing the saturation by 10% instead.

 100, 174, 219


255, 255, 255


 158, 229, 255


 187, 255, 255

 217, 255, 255

 246, 255, 255

 100, 174, 219


 70, 147, 191

 35, 122, 164

 0, 97, 137

 0, 73, 112

 0, 51, 87

 0, 30, 64

 0, 3, 42

 0, 1, 20

 0, 0, 0

■ 100, 174, 219

■ 100, 174, 219

■ 78, 166, 219

■ 122, 182, 219

■ 56, 157, 219

■ 144, 191, 219

■ 34, 149, 219

■ 166, 199, 219

■ 12, 141, 219

■ 188, 207, 219

■ 0, 136, 219

■ 210, 215, 219

■ 231, 224, 219

■ 253, 232, 219

■ 255, 240, 219

■ 255, 249, 219

Harmonies

Analogous

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



71, 180, 202



100, 174, 219



143, 165, 222

Triad

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



100, 174, 219



222, 145, 157



144, 175, 122

Complementary

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



100, 174, 219



219, 145, 100

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.



175, 167, 110



100, 174, 219



219, 149, 130

Square

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



100, 174, 219



210, 147, 185



202, 158, 113



110, 180, 146

Rectangle

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



100, 174, 219



171, 158, 215



202, 158, 113



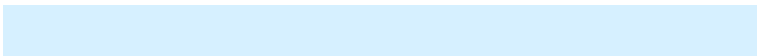
155, 173, 116

Sweetspot

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



100, 174, 219



214, 240, 255



100, 219, 144



103, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



100, 174, 219



89, 192, 255



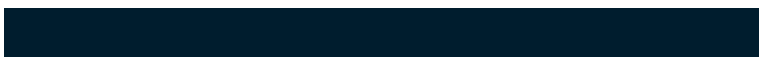
100, 116, 219



99, 106, 110



0, 108, 173



0, 29, 46

Inverse Universe

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



219, 100, 174



255, 89, 192



219, 203, 100



110, 99, 106



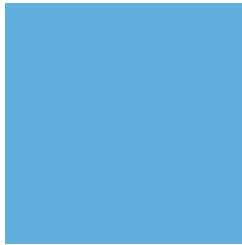
173, 0, 108



46, 0, 29

Previews

White Background



This preview shows how the RGB color 100, 174, 219 looks on a white background.

Color Contrast Check

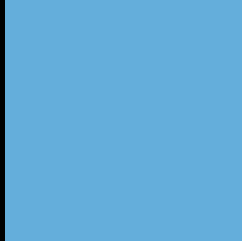
Large Text (above 18pt) WCAG AA × Fail

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 100, 174, 219 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 100, 174, 219 Background



This preview shows how black text looks on a background with the RGB color 100, 174, 219.

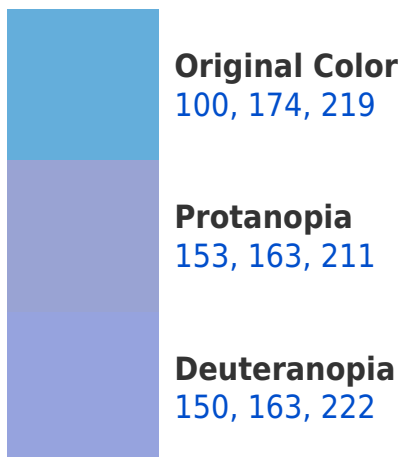


This preview shows how white text looks on a background with the RGB color 100, 174, 219.

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





Tritanopia
90, 179, 193

Trichromacy



Original Color
100, 174, 219

Protanomaly
134, 167, 214

Deuteranomaly
132, 167, 221

Tritanomaly
94, 177, 202

Monochromacy



Original Color
100, 174, 219

Achromatopsia
157, 157, 157

Achromatomaly
136, 163, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 174, 219 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(100, 174, 219)` looks like.

```
.text, #text, p{  
    color:rgb(100, 174, 219)  
}
```

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(100, 174, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 174, 219) }
```

Border

The CSS property to change the border of an element to RGB 100, 174, 219 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(100, 174, 219) }
```

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

```
.border{ border-color:rgb(100, 174, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 174, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 174, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 174, 219);  
box-shadow:4px 4px 4px 4px rgb(100, 174,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 100, 174, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 174, 219) }
```

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

```
.background{ background-color: rgb(100,  
174, 219) }
```

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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