

Converting Colors

RGB(96, 202, 241)

Have a look what the booklet for
RGB(96, 202, 241) contains.

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Color

RGB(96, 202, 241)

Conversions

Conversions Part 1

Format	Color
Hex	60CAF1
RGB	96, 202, 241
RGB Percent	38%, 79%, 95%
CMY	0.6235, 0.2078, 0.0549
CMYK	0.60, 0.16, 0.00, 0.05
HSL	196°, 84%, 66%
HSV	196°, 60%, 95%
XYZ	41.8216, 51.0787, 90.8740
YIQ	174.7520, -75.6950, -10.3430

Conversions

Conversions Part 2

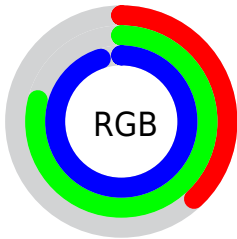
Format	Color
R _Y B	96, 157, 241
Decimal	6343409
CIE Lab	76.73, -19.39, -28.43
CIE LCh	77, 34.410, 235.710
Yxy	51.0787, 0.2276, 0.2779
Android (android.graphics.Color)	4284533489 (0xFF60CAF1)
YUV	174.7520, 32.6603, -69.0655
Hunter-Lab	71.4694, -20.6190, -25.3593

Details

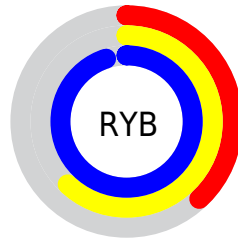
The RGB color **96, 202, 241** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **241, 135, 96**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **158, 255, 255**, and **3, 148, 185** is the 20% darker color. If you saturate the color by 10%, you get **72, 196, 241**, and if you desaturate by 10%, it is **120, 208, 241**.

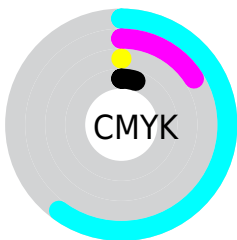
Distribution



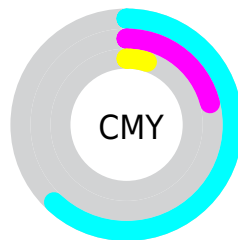
- Red (38%)
- Green (79%)
- Blue (95%)



- Red (38%)
- Yellow (62%)
- Blue (95%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



















- Cyan (62%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 202, 241 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 96, 202, 241 by changing the saturation by 10% instead.

 96, 202, 241	 96, 202, 241
 255, 255, 255	 62, 175, 213
 158, 255, 255	 3, 148, 185
 188, 255, 255	 0, 122, 158
 218, 255, 255	 0, 97, 132
 249, 255, 255	 0, 73, 106
	 0, 50, 82
	 0, 31, 59
	 0, 2, 37
	 0, 1, 13

■ 96, 202, 241

■ 96, 202, 241

■ 72, 196, 241

■ 120, 208, 241

■ 48, 189, 241

■ 144, 215, 241

■ 24, 183, 241

■ 168, 221, 241

■ 0, 176, 241

■ 192, 228, 241

■ 216, 234, 241

■ 241, 241, 241

■ 255, 247, 241

■ 255, 254, 241

■ 255, 255, 241

Harmonies

Analogous

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



83, 206, 216



96, 202, 241



140, 194, 252

Triad

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



96, 202, 241



248, 166, 195



183, 196, 131

Complementary

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



96, 202, 241



241, 135, 96

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.



216, 186, 126



96, 202, 241



252, 167, 163

Square

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



96, 202, 241



226, 172, 226



240, 175, 138



146, 203, 153

Rectangle

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



96, 202, 241



172, 187, 250



240, 175, 138



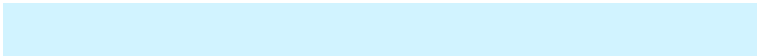
194, 193, 127

Sweetspot

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



96, 202, 241



209, 243, 255



96, 241, 135



99, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 202, 241



71, 206, 255



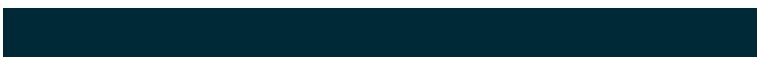
96, 130, 241



108, 117, 120



0, 134, 184



0, 41, 56

Inverse Universe

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



241, 96, 202



255, 71, 206



241, 207, 96



120, 108, 117



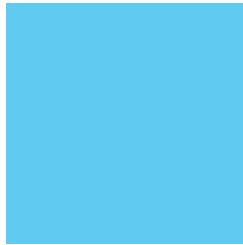
184, 0, 134



56, 0, 41

Previews

White Background



This preview shows how the RGB color 96, 202, 241 looks on a white background.

Color Contrast Check

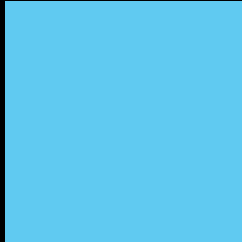
Large Text (above 18pt) WCAG AA × Fail

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 96, 202, 241 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 96, 202, 241 Background



This preview shows how black text looks on a background with the RGB color 96, 202, 241.

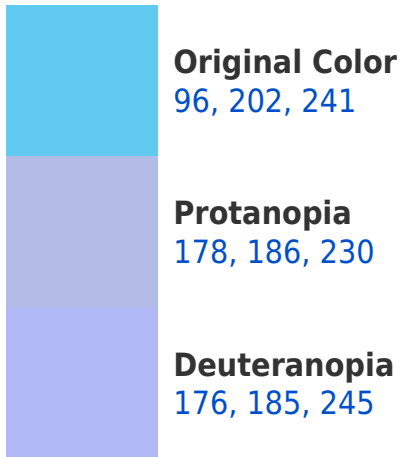


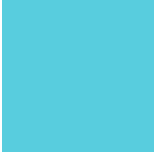
This preview shows how white text looks on a background with the RGB color 96, 202, 241.

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](#).

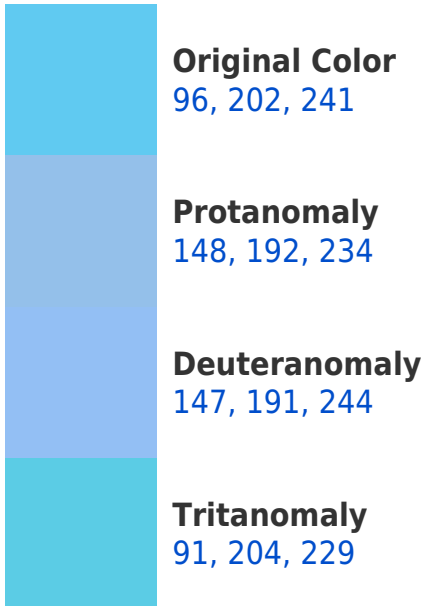
Dichromacy



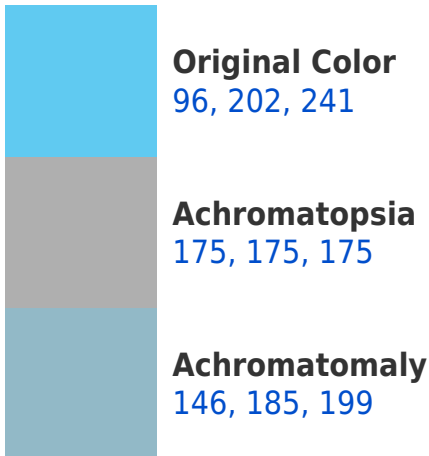


Tritanopia
88, 205, 222

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 202, 241 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(96, 202, 241) looks like.

```
.text, #text, p{  
    color:rgb(96, 202, 241)  
}
```

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(96, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 202, 241) }
```

Border

The CSS property to change the border of an element to RGB 96, 202, 241 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(96, 202, 241) }
```

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

```
.border{ border-color:rgb(96, 202, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 202, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(96, 202,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 96, 202, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 202, 241) }
```

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

```
.background{ background-color: rgb(96, 202,  
241) }
```

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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