

Converting Colors

RGB(97, 187, 252)

Have a look what the booklet for
RGB(97, 187, 252) contains.

RGB(97, 187, 252)	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(97, 187, 252)

Conversions

Conversions Part 1

Format	Color
Hex	61BBFC
RGB	97, 187, 252
RGB Percent	38%, 73%, 99%
CMY	0.6196, 0.2667, 0.0118
CMYK	0.62, 0.26, 0.00, 0.01
HSL	205°, 96%, 68%
HSV	205°, 62%, 99%
XYZ	40.2708, 45.1103, 98.6801
YIQ	167.5000, -74.5050, 1.1350

Conversions

Conversions Part 2

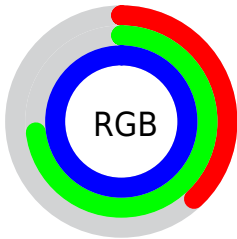
Format	Color
R _Y B	97, 154, 252
Decimal	6405116
CIE Lab	72.96, -7.93, -40.16
CIE LCh	73, 40.935, 258.831
Yxy	45.1103, 0.2188, 0.2451
Android (android.graphics.Color)	4284595196 (0xFF61BBFC)
YUV	167.5000, 41.6585, -61.8285
Hunter-Lab	67.1642, -10.5111, -40.0961

Details

The RGB color **97, 187, 252** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **252, 162, 97**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **159, 243, 255**, and **2, 134, 195** is the 20% darker color. If you saturate the color by 10%, you get **72, 176, 252**, and if you desaturate by 10%, it is **122, 198, 252**.

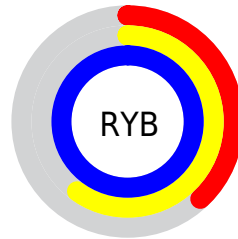
Distribution



Red (38%)

Green (73%)

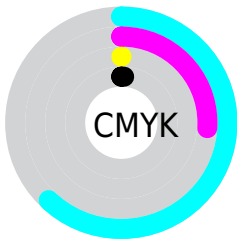
Blue (99%)



Red (38%)

Yellow (60%)

Blue (99%)

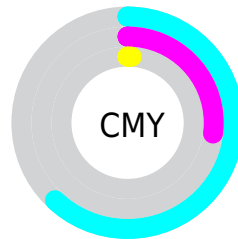


Cyan (62%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (62%)

















Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 187, 252 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 97, 187, 252 by changing the saturation by 10% instead.

 97, 187, 252	 97, 187, 252
 255, 255, 255	 62, 160, 223
 159, 243, 255	 2, 134, 195
 189, 255, 255	 0, 109, 168
 220, 255, 255	 0, 85, 141
 250, 255, 255	 0, 62, 115
	 0, 40, 90
	 0, 20, 66
	 0, 3, 44
	 0, 1, 22

■ 97, 187, 252

■ 97, 187, 252

■ 72, 176, 252

■ 122, 198, 252

■ 47, 166, 252

■ 147, 208, 252

■ 21, 155, 252

■ 173, 219, 252

■ 0, 146, 252

■ 198, 229, 252

■ 223, 240, 252

■ 248, 250, 252

■ 255, 255, 252

Harmonies

Analogous

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



0, 195, 234



97, 187, 252



162, 175, 250

Triad

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



97, 187, 252



252, 151, 157



137, 193, 128

Complementary

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



97, 187, 252



252, 162, 97

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.



180, 184, 107



97, 187, 252



242, 159, 124

Square

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



97, 187, 252



243, 151, 195



216, 172, 105



87, 198, 163

Rectangle

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



97, 187, 252



198, 165, 238



216, 172, 105



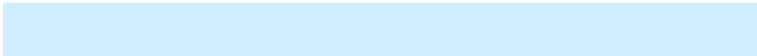
152, 191, 119

Sweetspot

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



97, 187, 252



209, 236, 255



97, 252, 162



99, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 187, 252



66, 176, 255



97, 110, 252



112, 120, 125



0, 110, 189



0, 36, 61

Inverse Universe

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



252, 97, 187



255, 66, 176



252, 239, 97



125, 112, 120



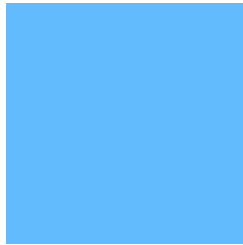
189, 0, 110



61, 0, 36

Previews

White Background



This preview shows how the RGB color 97, 187, 252 looks on a white background.

Color Contrast Check

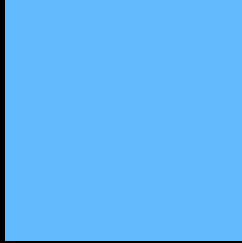
Large Text (above 18pt) WCAG AA × Fail

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 97, 187, 252 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

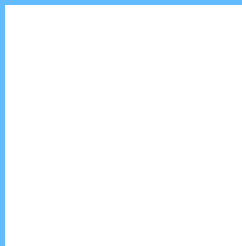
Any Text WCAG AAA ✓ Pass

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

RGB 97, 187, 252 Background



This preview shows how black text looks on a background with the RGB color 97, 187, 252.

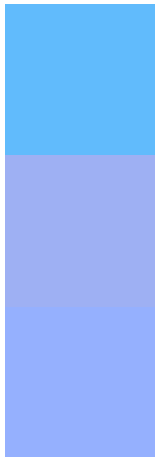


This preview shows how white text looks on a background with the RGB color 97, 187, 252.

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](#).

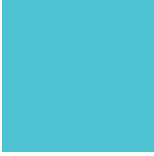
Dichromacy



Original Color
97, 187, 252

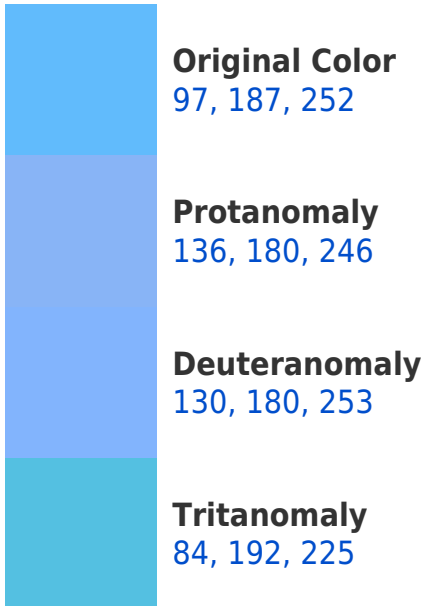
Protanopia
158, 176, 243

Deuteranopia
149, 176, 254

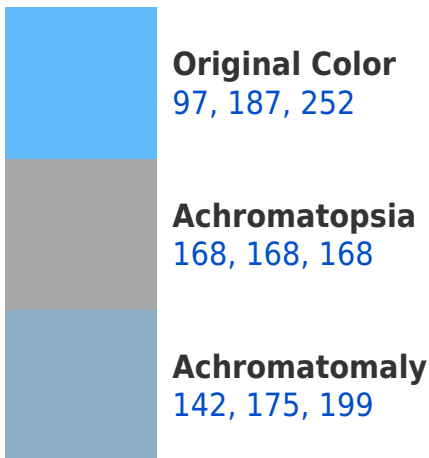


Tritanopia
77, 195, 210

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 187, 252 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(97, 187, 252) looks like.

```
.text, #text, p{  
    color:rgb(97, 187, 252)  
}
```

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(97, 187, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 187, 252) }
```

Border

The CSS property to change the border of an element to RGB 97, 187, 252 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(97, 187, 252) }
```

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

```
.border{ border-color:rgb(97, 187, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 187, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 187, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 187, 252);  
box-shadow:4px 4px 4px 4px rgb(97, 187,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 97, 187, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 187, 252) }
```

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

```
.background{ background-color: rgb(97, 187,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor