

Converting Colors

RGB(97, 174, 242)

Have a look what the booklet for
RGB(97, 174, 242) contains.

RGB(97, 174, 242)	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, 174, 242)

Conversions

Conversions Part 1

Format	Color
Hex	61AEF2
RGB	97, 174, 242
RGB Percent	38%, 68%, 95%
CMY	0.6196, 0.3176, 0.0510
CMYK	0.60, 0.28, 0.00, 0.05
HSL	208°, 85%, 66%
HSV	208°, 60%, 95%
XYZ	36.0928, 39.2243, 89.6732
YIQ	158.7290, -67.7200, 4.8240

Conversions

Conversions Part 2

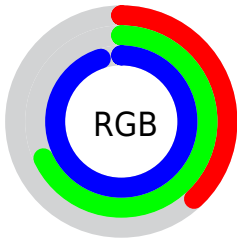
Format	Color
R _{YB}	97, 147, 242
Decimal	6401778
CIE Lab	68.91, -3.93, -41.07
CIE LCh	69, 41.255, 264.531
Yxy	39.2243, 0.2188, 0.2377
Android (android.graphics.Color)	4284591858 (0xFF61AEF2)
YUV	158.7290, 41.0526, -54.1363
Hunter-Lab	62.6293, -6.7330, -41.0514

Details

The RGB color **97, 174, 242** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **242, 165, 97**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **158, 229, 255**, and **15, 122, 186** is the 20% darker color. If you saturate the color by 10%, you get **73, 163, 242**, and if you desaturate by 10%, it is **121, 185, 242**.

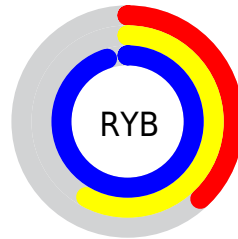
Distribution



Red (38%)

Green (68%)

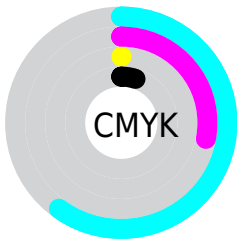
Blue (95%)



Red (38%)

Yellow (58%)

Blue (95%)

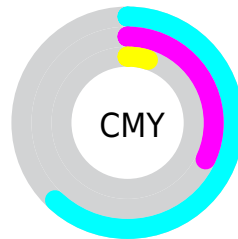


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (62%)

















Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 174, 242 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, 174, 242 by changing the saturation by 10% instead.

 97, 174, 242	 97, 174, 242
 255, 255, 255	 64, 148, 213
 158, 229, 255	 15, 122, 186
 188, 255, 255	 0, 97, 158
 218, 255, 255	 0, 74, 132
 248, 255, 255	 0, 52, 106
	 0, 31, 82
	 0, 6, 58
	 0, 2, 36
	 0, 0, 11

■ 97, 174, 242

■ 97, 174, 242

■ 73, 163, 242

■ 121, 185, 242

■ 49, 151, 242

■ 145, 197, 242

■ 24, 140, 242

■ 170, 208, 242

■ 0, 129, 242

■ 194, 219, 242

■ 0, 129, 242

■ 218, 231, 242

■ 242, 242, 242

■ 255, 253, 242

■ 255, 255, 242

Harmonies

Analogous

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



0, 183, 228



97, 174, 242



162, 161, 236

Triad

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



97, 174, 242



240, 140, 139



117, 183, 123

Complementary

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



97, 174, 242



242, 165, 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.



161, 175, 99



97, 174, 242



226, 150, 109

Square

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



97, 174, 242



235, 139, 177



198, 164, 93



61, 187, 160

Rectangle

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



97, 174, 242



195, 152, 222



198, 164, 93



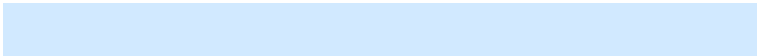
132, 181, 113

Sweetspot

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



97, 174, 242



209, 233, 255



97, 242, 165



99, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 174, 242



71, 169, 255



97, 102, 242



108, 114, 120



0, 97, 184



0, 30, 56

Inverse Universe

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



242, 97, 174



255, 71, 169



242, 237, 97



120, 108, 114



184, 0, 97



56, 0, 30

Previews

White Background



This preview shows how the RGB color 97, 174, 242 looks on a white background.

Color Contrast Check

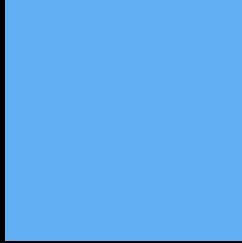
Large Text (above 18pt) WCAG AA × Fail

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, 174, 242 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

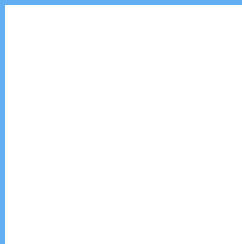
Any Text WCAG AAA ✓ Pass

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

RGB 97, 174, 242 Background



This preview shows how black text looks on a background with the RGB color 97, 174, 242.

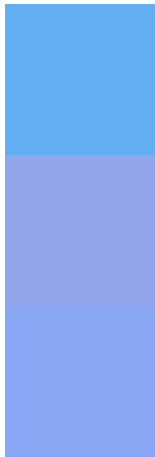


This preview shows how white text looks on a background with the RGB color 97, 174, 242.

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, 174, 242

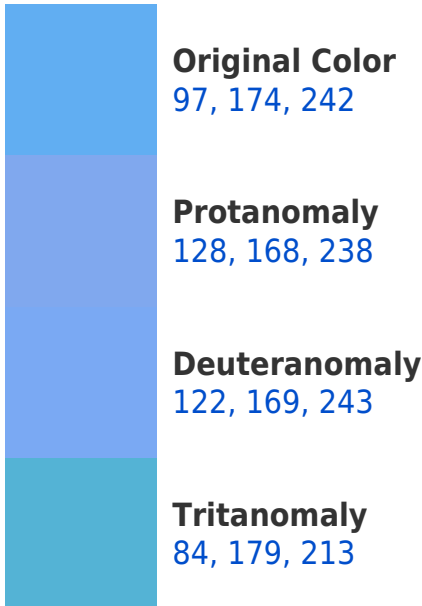
Protanopia
146, 165, 235

Deuteranopia
136, 166, 244

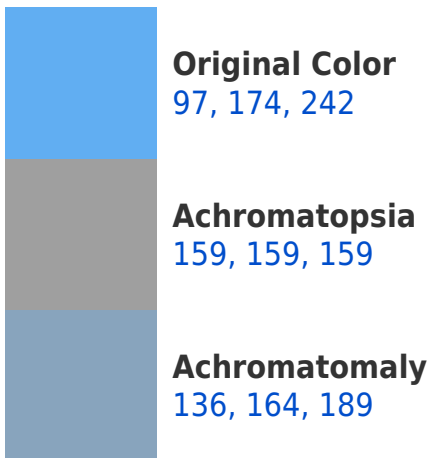


Tritanopia
77, 182, 197

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 174, 242 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, 174, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 174, 242)  
}
```

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, 174, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 174, 242) }
```

Border

The CSS property to change the border of an element to RGB 97, 174, 242 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, 174, 242) }
```

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

```
.border{ border-color:rgb(97, 174, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 174, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 174, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 174, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 174,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 97, 174, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 174, 242) }
```

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

```
.background{ background-color: rgb(97, 174,  
242) }
```

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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