

Converting Colors

RGB(104, 165, 253)

Have a look what the booklet for
RGB(104, 165, 253) contains.

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Color

RGB(104, 165, 253)

Conversions

Conversions Part 1

Format	Color
Hex	68A5FD
RGB	104, 165, 253
RGB Percent	41%, 65%, 99%
CMY	0.5922, 0.3529, 0.0078
CMYK	0.59, 0.35, 0.00, 0.01
HSL	215°, 97%, 70%
HSV	215°, 59%, 99%
XYZ	36.8937, 36.9452, 98.1151
YIQ	156.7930, -64.6040, 14.4360

Conversions

Conversions Part 2

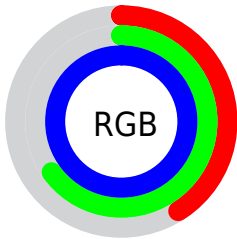
Format	Color
RYB	104, 147, 253
Decimal	6858237
CIELab	67.24, 5.96, -49.67
CIELCh	67, 50.023, 276.840
Yxy	36.9452, 0.2146, 0.2149
Android (android.graphics.Color)	4285048317 (0xFF68A5FD)
YUV	156.7930, 47.4301, -46.2995
Hunter-Lab	60.7825, 1.9762, -53.1581

Details

The RGB color **104, 165, 253** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **253, 192, 104**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **165, 220, 255**, and **29, 114, 196** is the 20% darker color. If you saturate the color by 10%, you get **79, 150, 253**, and if you desaturate by 10%, it is **129, 180, 253**.

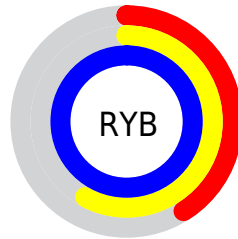
Distribution



Red (41%)

Green (65%)

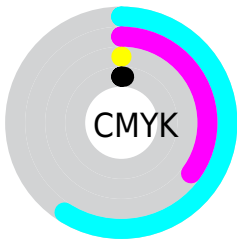
Blue (99%)



Red (41%)

Yellow (58%)

Blue (99%)

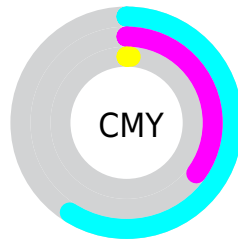


Cyan (59%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (59%)


Magenta (35%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 165, 253 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 104, 165, 253 by changing the saturation by 10% instead.

 104, 165, 253


255, 255, 255


 165, 220, 255

 195, 248, 255

 225, 255, 255

 104, 165, 253

 71, 139, 224

 29, 114, 196

 0, 90, 168

 0, 67, 141

 0, 45, 115

 0, 26, 90

 0, 7, 66

 0, 3, 43

 0, 1, 21

■ 104, 165, 253

■ 104, 165, 253

■ 79, 150, 253

■ 129, 180, 253

■ 53, 135, 253

■ 155, 195, 253

■ 28, 120, 253

■ 180, 210, 253

■ 3, 105, 253

■ 205, 225, 253

■ 0, 104, 253

■ 231, 240, 253

255, 255, 253

255, 255, 253

Harmonies

Analogous

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



0, 178, 246



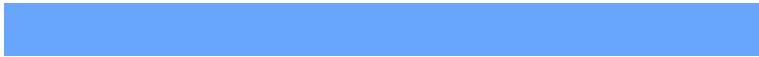
104, 165, 253



181, 148, 236

Triad

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



104, 165, 253



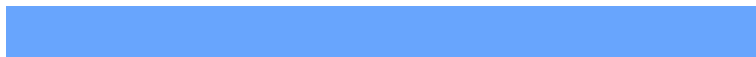
243, 133, 112



68, 184, 127

Complementary

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



104, 165, 253



253, 192, 104

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.



133, 177, 89



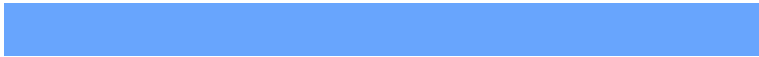
104, 165, 253



219, 149, 80

Square

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



104, 165, 253



248, 125, 155



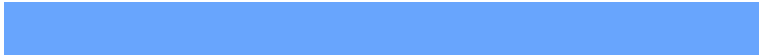
180, 165, 71



0, 187, 173

Rectangle

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



104, 165, 253



215, 136, 214



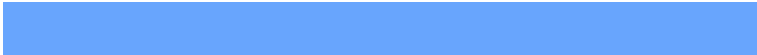
180, 165, 71



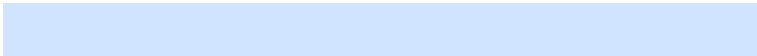
93, 182, 112

Sweetspot

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



104, 165, 253



209, 228, 255



104, 253, 191



99, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



104, 165, 253



74, 148, 255



116, 104, 253



115, 120, 128



0, 78, 191



0, 26, 64

Inverse Universe

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



253, 104, 165



255, 74, 148



241, 253, 104



128, 115, 120



191, 0, 78



64, 0, 26

Previews

White Background



This preview shows how the RGB color 104, 165, 253 looks on a white background.

Color Contrast Check

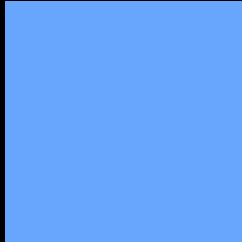
Large Text (above 18pt) WCAG AA × Fail

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 104, 165, 253 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

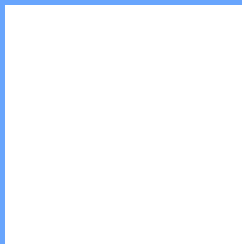
Any Text WCAG AAA ✓ Pass

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

RGB 104, 165, 253 Background



This preview shows how black text looks on a background with the RGB color 104, 165, 253.



This preview shows how white text looks on a background with the RGB color 104, 165, 253.

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
104, 165, 253

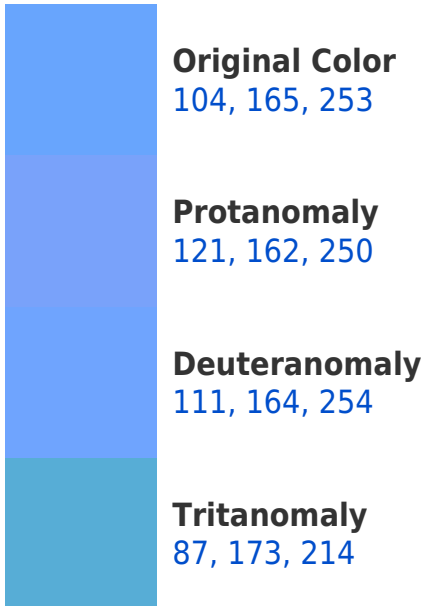
Protanopia
131, 160, 249

Deuteranopia
115, 163, 254

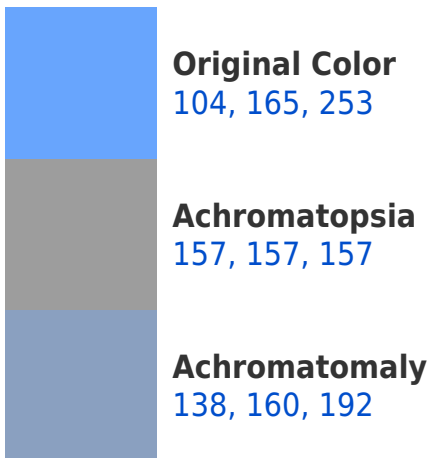


Tritanopia
78, 177, 192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 165, 253 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(104, 165, 253)` looks like.

```
.text, #text, p{  
    color:rgb(104, 165, 253)  
}
```

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(104, 165, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 165, 253) }
```

Border

The CSS property to change the border of an element to RGB 104, 165, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

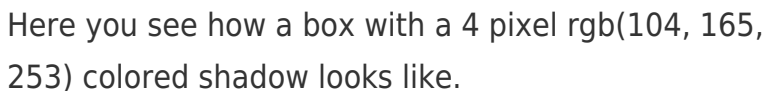
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 165, 253) }
```

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

```
.border{ border-color:rgb(104, 165, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 165, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 165, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 165, 253);  
box-shadow:4px 4px 4px 4px rgb(104, 165,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 104, 165, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 165, 253) }
```

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

```
.background{ background-color: rgb(104,  
165, 253) }
```

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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