

Converting Colors

RGB(103, 200, 255)

Have a look what the booklet for
RGB(103, 200, 255) contains.

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Color

RGB(103, 200, 255)

Conversions

Conversions Part 1

Format	Color
Hex	67C8FF
RGB	103, 200, 255
RGB Percent	40%, 78%, 100%
CMY	0.5961, 0.2157, 0.0000
CMYK	0.60, 0.22, 0.00, 0.00
HSL	202°, 100%, 70%
HSV	202°, 60%, 100%
XYZ	44.2978, 51.4121, 102.1965
YIQ	177.2670, -75.4670, -3.4590

Conversions

Conversions Part 2

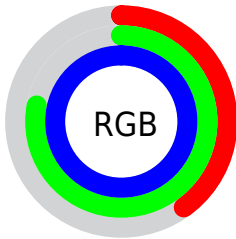
Format	Color
R _Y B	103, 162, 255
Decimal	6801663
CIE Lab	76.93, -12.89, -35.60
CIE LCh	77, 37.861, 250.093
Yxy	51.4121, 0.2238, 0.2598
Android (android.graphics.Color)	4284991743 (0xFF67C8FF)
YUV	177.2670, 38.3224, -65.1322
Hunter-Lab	71.7022, -15.2013, -34.3139

Details

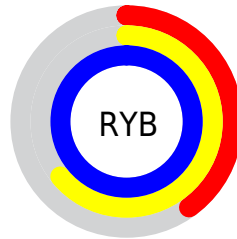
The RGB color **103, 200, 255** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **255, 158, 103**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **165, 255, 255**, and **22, 146, 198** is the 20% darker color. If you saturate the color by 10%, you get **78, 191, 255**, and if you desaturate by 10%, it is **129, 209, 255**.

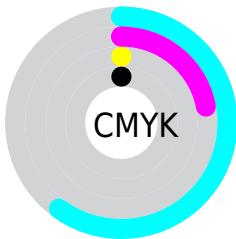
Distribution



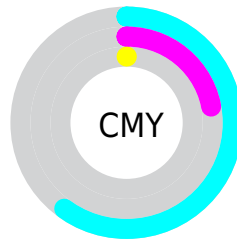
- Red (40%)
- Green (78%)
- Blue (100%)



- Red (40%)
- Yellow (64%)
- Blue (100%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 200, 255 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 103, 200, 255 by changing the saturation by 10% instead.

 103, 200, 255


255, 255, 255

 165, 255, 255

 195, 255, 255

 225, 255, 255

 103, 200, 255

 69, 173, 226


 22, 146, 198

 0, 120, 171

 0, 96, 144

 0, 72, 118

 0, 50, 93

 0, 30, 69

 0, 4, 47

 0, 1, 25

■ 103, 200, 255

■ 103, 200, 255

■ 78, 191, 255

■ 129, 209, 255

■ 52, 182, 255

■ 154, 218, 255

■ 26, 172, 255

■ 179, 228, 255

■ 1, 163, 255

■ 205, 237, 255

■ 0, 163, 255

■ 231, 246, 255

255, 255, 255

Harmonies

Analogous

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



61, 207, 234



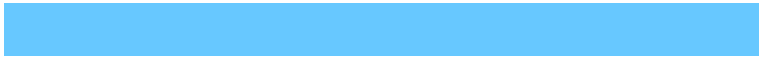
103, 200, 255



160, 189, 255

Triad

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



103, 200, 255



255, 163, 179



163, 201, 135

Complementary

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



103, 200, 255



255, 158, 103

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.



202, 192, 120



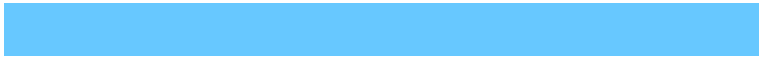
103, 200, 255



254, 169, 146

Square

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



103, 200, 255



244, 166, 215



234, 180, 125



121, 207, 165

Rectangle

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



103, 200, 255



194, 181, 250



234, 180, 125



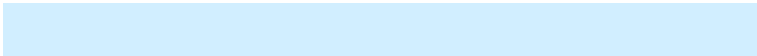
177, 198, 128

Sweetspot

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



103, 200, 255



209, 238, 255



103, 255, 156



99, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 200, 255



71, 189, 255



103, 126, 255



115, 123, 128



0, 122, 191



0, 41, 64

Inverse Universe

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



255, 103, 200



255, 71, 189



255, 232, 103



128, 115, 123



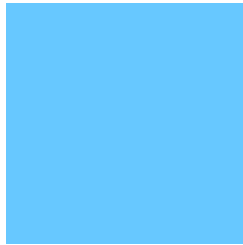
191, 0, 122



64, 0, 41

Previews

White Background



This preview shows how the RGB color 103, 200, 255 looks on a white background.

Color Contrast Check

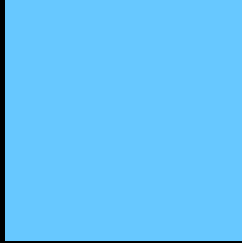
Large Text (above 18pt) WCAG AA × Fail

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 103, 200, 255 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

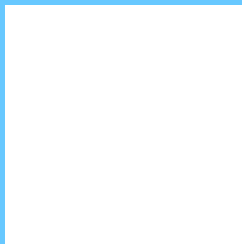
Any Text WCAG AAA ✓ Pass

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

RGB 103, 200, 255 Background



This preview shows how black text looks on a background with the RGB color 103, 200, 255.

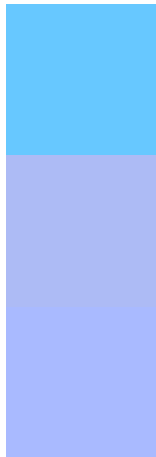


This preview shows how white text looks on a background with the RGB color 103, 200, 255.

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](#).

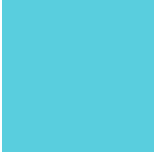
Dichromacy



Original Color
103, 200, 255

Protanopia
173, 187, 245

Deuteranopia
169, 186, 255



Tritanopia
89, 206, 222

Trichromacy



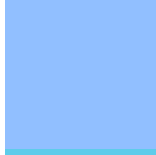
Original Color

103, 200, 255



Protanomaly

148, 192, 249



Deuteranomaly

145, 191, 255



Tritanomaly

94, 204, 234

Monochromacy



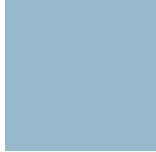
Original Color

103, 200, 255



Achromatopsia

177, 177, 177



Achromatomaly

150, 185, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 200, 255 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(103, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 200, 255)  
}
```

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(103, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 200, 255) }
```

Border

The CSS property to change the border of an element to RGB 103, 200, 255 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(103, 200, 255) }
```

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

```
.border{ border-color:rgb(103, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 200,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 103, 200, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 200, 255) }
```

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

```
.background{ background-color: rgb(103,  
200, 255) }
```

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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