

Converting Colors

RGB(88, 207, 247)

Have a look what the booklet for
RGB(88, 207, 247) contains.

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Color

RGB(88, 207, 247)

Conversions

Conversions Part 1

Format	Color
Hex	58CFF7
RGB	88, 207, 247
RGB Percent	35%, 81%, 97%
CMY	0.6549, 0.1882, 0.0314
CMYK	0.64, 0.16, 0.00, 0.03
HSL	195°, 91%, 66%
HSV	195°, 64%, 97%
XYZ	43.1258, 53.4158, 96.0330
YIQ	175.9790, -83.7640, -12.7880

Conversions

Conversions Part 2

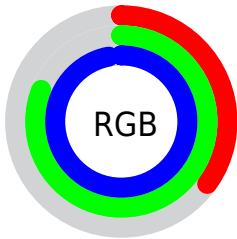
Format	Color
R _{YB}	88, 156, 247
Decimal	5820407
CIE _{Lab}	78.12, -21.48, -29.53
CIE _{LCh}	78, 36.511, 233.966
Yxy	53.4158, 0.2239, 0.2774
Android (android.graphics.Color)	4284010487 (0xFF58CFF7)
YUV	175.9790, 35.0134, -77.1576
Hunter-Lab	73.0861, -22.5733, -26.7451

Details

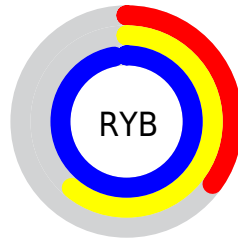
The RGB color **88, 207, 247** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **247, 128, 88**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **152, 255, 255**, and **0, 153, 191** is the 20% darker color. If you saturate the color by 10%, you get **63, 201, 247**, and if you desaturate by 10%, it is **113, 213, 247**.

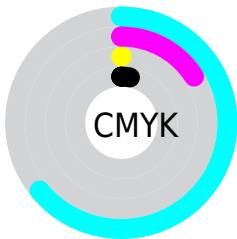
Distribution



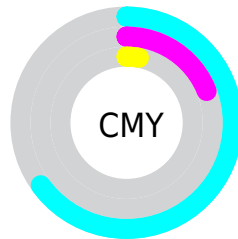
- Red (35%)
- Green (81%)
- Blue (97%)



- Red (35%)
- Yellow (61%)
- Blue (97%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



















- Cyan (65%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 88, 207, 247 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 88, 207, 247 by changing the saturation by 10% instead.

 88, 207, 247	 88, 207, 247
 255, 255, 255	 49, 179, 218
 152, 255, 255	 0, 153, 191
 183, 255, 255	 0, 126, 163
 214, 255, 255	 0, 101, 137
 245, 255, 255	 0, 77, 111
	 0, 54, 87
	 0, 34, 63
	 0, 3, 41
	 0, 1, 19

■ 88, 207, 247

■ 88, 207, 247

■ 63, 201, 247

■ 113, 213, 247

■ 39, 195, 247

■ 137, 219, 247

■ 14, 188, 247

■ 162, 226, 247

■ 0, 185, 247

■ 187, 232, 247

■ 212, 238, 247

■ 236, 244, 247

■ 255, 250, 247

■ 255, 255, 247

Harmonies

Analogous

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



77, 211, 220



88, 207, 247



136, 199, 255

Triad

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



88, 207, 247



255, 168, 201



188, 199, 130

Complementary

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



88, 207, 247



247, 128, 88

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.



223, 189, 126



88, 207, 247



255, 169, 167

Square

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



88, 207, 247



230, 175, 233



248, 177, 140



149, 207, 152

Rectangle

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



88, 207, 247



171, 191, 255



248, 177, 140



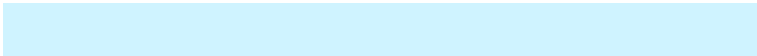
200, 196, 127

Sweetspot

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



88, 207, 247



207, 243, 255



88, 247, 128



98, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



88, 207, 247



59, 206, 255



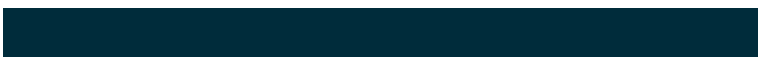
88, 128, 247



110, 119, 122



0, 139, 186



0, 44, 59

Inverse Universe

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



247, 88, 207



255, 59, 206



247, 207, 88



122, 110, 119



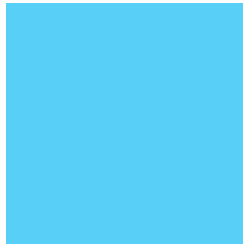
186, 0, 139



59, 0, 44

Previews

White Background



This preview shows how the RGB color 88, 207, 247 looks on a white background.

Color Contrast Check

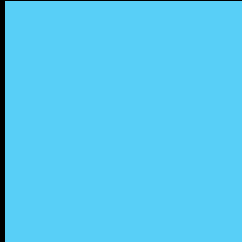
Large Text (above 18pt) WCAG AA × Fail

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 88, 207, 247 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 88, 207, 247 Background



This preview shows how black text looks on a background with the RGB color 88, 207, 247.

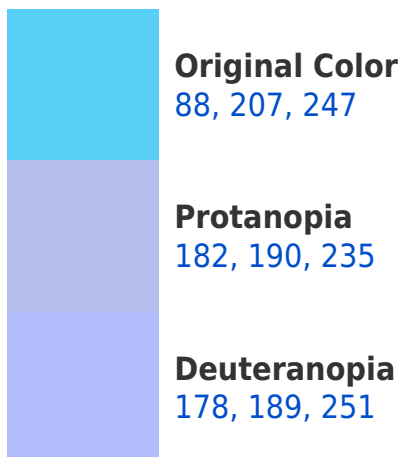


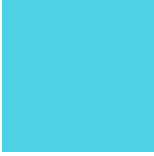
This preview shows how white text looks on a background with the RGB color 88, 207, 247.

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
78, 210, 227

Trichromacy



Original Color
88, 207, 247



Protanomaly
148, 196, 239



Deuteranomaly
145, 196, 250

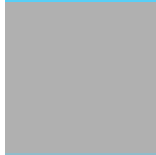


Tritanomaly
82, 209, 234

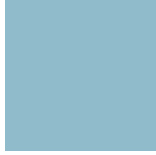
Monochromacy



Original Color
88, 207, 247



Achromatopsia
176, 176, 176



Achromatomaly
144, 187, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 88, 207, 247 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(88, 207, 247)` looks like.

```
.text, #text, p{  
    color:rgb(88, 207, 247)  
}
```

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(88, 207, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 207, 247) }
```

Border

The CSS property to change the border of an element to RGB 88, 207, 247 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(88, 207, 247) }
```

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

```
.border{ border-color:rgb(88, 207, 247) }
```

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

Here you see how a box with a 4 pixel rgb(88, 207, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 207, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 207, 247);  
box-shadow:4px 4px 4px 4px rgb(88, 207,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 88, 207, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 207, 247) }
```

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

```
.background{ background-color: rgb(88, 207,  
247) }
```

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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