

Converting Colors

RGB(86, 179, 252)

Have a look what the booklet for
RGB(86, 179, 252) contains.

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Color

RGB(86, 179, 252)

Conversions

Conversions Part 1

Format	Color
Hex	56B3FC
RGB	86, 179, 252
RGB Percent	34%, 70%, 99%
CMY	0.6627, 0.2980, 0.0118
CMYK	0.66, 0.29, 0.00, 0.01
HSL	206°, 97%, 66%
HSV	206°, 66%, 99%
XYZ	37.5285, 41.2469, 98.0789
YIQ	159.5150, -78.8610, 2.9870

Conversions

Conversions Part 2

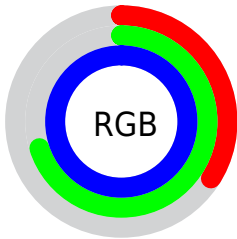
Format	Color
R _Y B	86, 146, 252
Decimal	5682172
CIE Lab	70.35, -5.38, -44.28
CIE LCh	70, 44.602, 263.073
Yxy	41.2469, 0.2122, 0.2332
Android (android.graphics.Color)	4283872252 (0xFF56B3FC)
YUV	159.5150, 45.5951, -64.4727
Hunter-Lab	64.2238, -8.0868, -45.5878

Details

The RGB color **86, 179, 252** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **252, 159, 86**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **150, 235, 255**, and **0, 127, 195** is the 20% darker color. If you saturate the color by 10%, you get **61, 168, 252**, and if you desaturate by 10%, it is **111, 190, 252**.

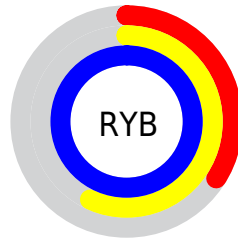
Distribution



Red (34%)

Green (70%)

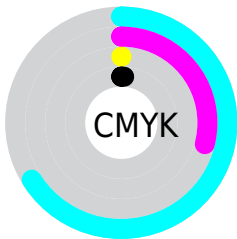
Blue (99%)



Red (34%)

Yellow (57%)

Blue (99%)

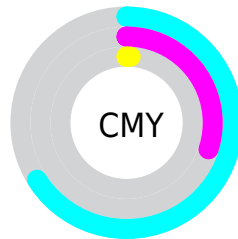


Cyan (66%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (66%)

















Magenta (30%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 179, 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 86, 179, 252 by changing the saturation by 10% instead.

 86, 179, 252	 86, 179, 252
 255, 255, 255	 47, 152, 223
 150, 235, 255	 0, 127, 195
 181, 255, 255	 0, 102, 168
 211, 255, 255	 0, 78, 141
 242, 255, 255	 0, 56, 115
	 0, 35, 90
	 0, 9, 66
	 0, 3, 43
	 0, 1, 21

■ 86, 179, 252

■ 86, 179, 252

■ 61, 168, 252

■ 111, 190, 252

■ 36, 157, 252

■ 136, 201, 252

■ 10, 146, 252

■ 162, 212, 252

■ 0, 141, 252

■ 187, 223, 252

■ 212, 234, 252

■ 237, 245, 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, 188, 236



86, 179, 252



162, 165, 247

Triad

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



86, 179, 252



249, 141, 142



118, 188, 122

Complementary

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



86, 179, 252



252, 159, 86

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.



166, 179, 95



86, 179, 252



235, 152, 109

Square

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



86, 179, 252



243, 140, 183



206, 166, 90



52, 193, 161

Rectangle

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



86, 179, 252



199, 155, 232



206, 166, 90



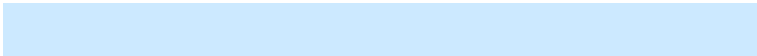
135, 186, 111

Sweetspot

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



86, 179, 252



204, 233, 255



86, 252, 158



97, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



86, 179, 252



54, 166, 255



86, 97, 252



112, 119, 125



0, 106, 189



0, 34, 61

Inverse Universe

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



252, 86, 179



255, 54, 166



252, 241, 86



125, 112, 119



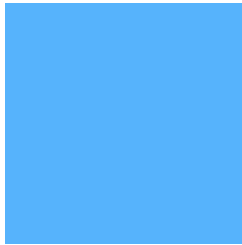
189, 0, 106



61, 0, 34

Previews

White Background



This preview shows how the RGB color 86, 179, 252 looks on a white background.

Color Contrast Check

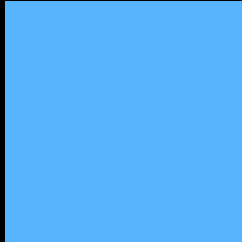
Large Text (above 18pt) WCAG AA × Fail

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 86, 179, 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

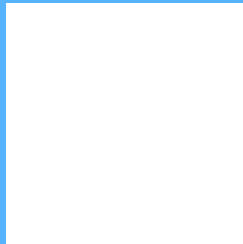
Any Text WCAG AAA ✓ Pass

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

RGB 86, 179, 252 Background



This preview shows how black text looks on a background with the RGB color 86, 179, 252.

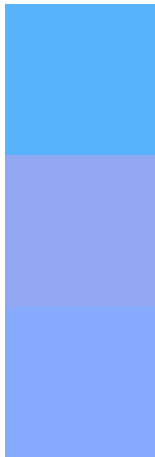


This preview shows how white text looks on a background with the RGB color 86, 179, 252.

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](#).

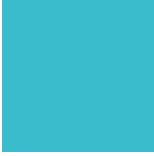
Dichromacy



Original Color
86, 179, 252

Protanopia
147, 168, 243

Deuteranopia
134, 170, 254



Tritanopia
58, 188, 204

Trichromacy



Original Color
86, 179, 252

Protanomaly
125, 172, 246

Deuteranomaly
117, 173, 253

Tritanomaly
68, 185, 221

Monochromacy



Original Color
86, 179, 252

Achromatopsia
160, 160, 160

Achromatomaly
133, 167, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 179, 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(86, 179, 252)` looks like.

```
.text, #text, p{  
    color:rgb(86, 179, 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(86, 179, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 179, 252) }
```

Border

The CSS property to change the border of an element to RGB 86, 179, 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(86, 179, 252) }
```

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

```
.border{ border-color:rgb(86, 179, 252) }
```

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

Here you see how a box with a 4 pixel rgb(86, 179, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 179, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 179, 252);  
box-shadow:4px 4px 4px 4px rgb(86, 179,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 86, 179, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 179, 252) }
```

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

```
.background{ background-color: rgb(86, 179,  
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](#).

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