

Converting Colors

RGB(84, 178, 254)

Have a look what the booklet for
RGB(84, 178, 254) contains.

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Color

RGB(84, 178, 254)

Conversions

Conversions Part 1

Format	Color
Hex	54B2FE
RGB	84, 178, 254
RGB Percent	33%, 70%, 100%
CMY	0.6706, 0.3020, 0.0039
CMYK	0.67, 0.30, 0.00, 0.00
HSL	207°, 99%, 66%
HSV	207°, 67%, 100%
XYZ	37.4659, 40.8814, 99.6822
YIQ	158.5580, -80.4200, 3.7080

Conversions

Conversions Part 2

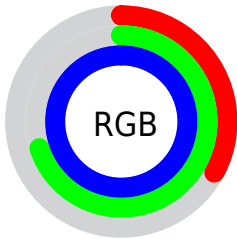
Format	Color
R _Y B	84, 145, 254
Decimal	5550846
CIE Lab	70.09, -4.48, -45.76
CIE LCh	70, 45.983, 264.408
Yxy	40.8814, 0.2104, 0.2296
Android (android.graphics.Color)	4283740926 (0xFF54B2FE)
YUV	158.5580, 47.0529, -65.3874
Hunter-Lab	63.9385, -7.2971, -47.6780

Details

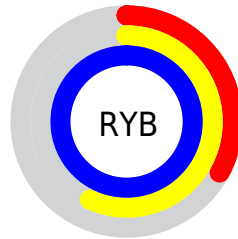
The RGB color **84, 178, 254** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **254, 160, 84**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **149, 233, 255**, and **0, 126, 197** is the 20% darker color. If you saturate the color by 10%, you get **59, 167, 254**, and if you desaturate by 10%, it is **109, 189, 254**.

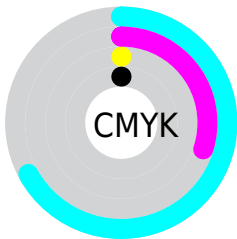
Distribution



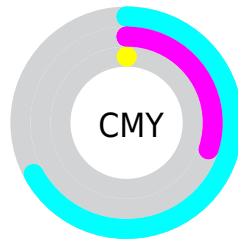
- Red (33%)
- Green (70%)
- Blue (100%)



- Red (33%)
- Yellow (57%)
- Blue (100%)



- Cyan (67%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



















- Cyan (67%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 178, 254 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 84, 178, 254 by changing the saturation by 10% instead.

 84, 178, 254	 84, 178, 254
 255, 255, 255	 43, 151, 225
 149, 233, 255	 0, 126, 197
 180, 255, 255	 0, 101, 169
 210, 255, 255	 0, 77, 143
 241, 255, 255	 0, 55, 117
	 0, 34, 91
	 0, 8, 68
	 0, 3, 44
	 0, 1, 23

■ 84, 178, 254

■ 84, 178, 254

■ 59, 167, 254

■ 109, 189, 254

■ 33, 155, 254

■ 135, 201, 254

■ 8, 144, 254

■ 160, 212, 254

■ 0, 140, 254

■ 186, 223, 254

■ 211, 235, 254

■ 236, 246, 254

255, 255, 254

Harmonies

Analogous

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



0, 188, 238



84, 178, 254



163, 163, 247

Triad

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



84, 178, 254



250, 140, 139



113, 188, 121

Complementary

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



84, 178, 254



254, 160, 84

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.



163, 179, 93



84, 178, 254



235, 151, 105

Square

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



84, 178, 254



245, 138, 181



204, 166, 87



36, 192, 162

Rectangle

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



84, 178, 254



201, 153, 231



204, 166, 87



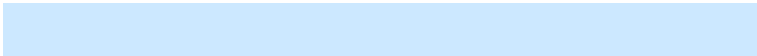
131, 186, 110

Sweetspot

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



84, 178, 254



204, 232, 255



84, 254, 158



97, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 178, 254



51, 164, 255



84, 95, 254



115, 122, 128



0, 106, 191



0, 35, 64

Inverse Universe

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



254, 84, 178



255, 51, 164



254, 243, 84



128, 115, 122



191, 0, 106



64, 0, 35

Previews

White Background



This preview shows how the RGB color 84, 178, 254 looks on a white background.

Color Contrast Check

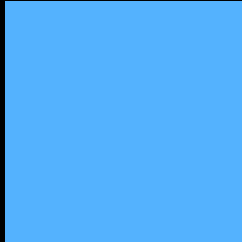
Large Text (above 18pt) WCAG AA × Fail

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 84, 178, 254 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

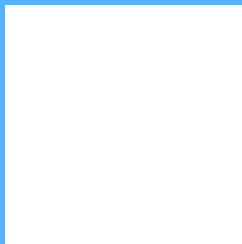
Any Text WCAG AAA ✓ Pass

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

RGB 84, 178, 254 Background



This preview shows how black text looks on a background with the RGB color 84, 178, 254.



This preview shows how white text looks on a background with the RGB color 84, 178, 254.

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](#).

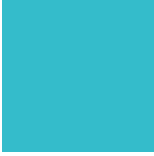
Dichromacy



Original Color
84, 178, 254

Protanopia
145, 168, 245

Deuteranopia
131, 169, 255



Tritanopia
52, 188, 203

Trichromacy



Original Color
84, 178, 254

Protanomaly
123, 172, 248

Deuteranomaly
114, 172, 255

Tritanomaly
64, 184, 222

Monochromacy



Original Color
84, 178, 254

Achromatopsia
159, 159, 159

Achromatomaly
132, 166, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 178, 254 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(84, 178, 254)` looks like.

```
.text, #text, p{  
    color:rgb(84, 178, 254)  
}
```

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(84, 178, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 178, 254) }
```

Border

The CSS property to change the border of an element to RGB 84, 178, 254 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(84, 178, 254) }
```

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

```
.border{ border-color:rgb(84, 178, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 178, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 178, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 178, 254);  
box-shadow:4px 4px 4px 4px rgb(84, 178,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 84, 178, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 178, 254) }
```

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

```
.background{ background-color: rgb(84, 178,  
254) }
```

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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