

Converting Colors

RGB(82, 184, 241)

Have a look what the booklet for
RGB(82, 184, 241) contains.

RGB(82, 184, 241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(82, 184, 241)

Conversions

Conversions Part 1

Format	Color
Hex	52B8F1
RGB	82, 184, 241
RGB Percent	32%, 72%, 95%
CMY	0.6784, 0.2784, 0.0549
CMYK	0.66, 0.24, 0.00, 0.05
HSL	202°, 85%, 63%
HSV	202°, 66%, 95%
XYZ	36.4973, 42.4257, 89.4845
YIQ	160.0000, -79.0890, -3.8970

Conversions

Conversions Part 2

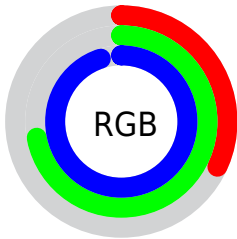
Format	Color
R _Y B	82, 144, 241
Decimal	5421297
CIE Lab	71.16, -12.28, -37.06
CIE LCh	71, 39.039, 251.662
Yxy	42.4257, 0.2167, 0.2519
Android (android.graphics.Color)	4283611377 (0xFF52B8F1)
YUV	160.0000, 39.9330, -68.4060
Hunter-Lab	65.1350, -13.9667, -35.8599

Details

The RGB color **82, 184, 241** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **241, 139, 82**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **146, 240, 255**, and **0, 131, 185** is the 20% darker color. If you saturate the color by 10%, you get **58, 175, 241**, and if you desaturate by 10%, it is **106, 193, 241**.

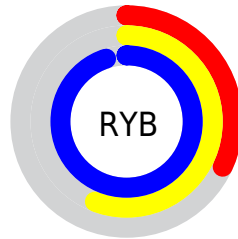
Distribution



Red (32%)

Green (72%)

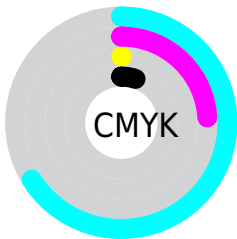
Blue (95%)



Red (32%)

Yellow (56%)

Blue (95%)

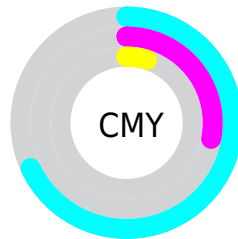


Cyan (66%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (68%)

















Magenta (28%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 82, 184, 241 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 82, 184, 241 by changing the saturation by 10% instead.

 82, 184, 241	 82, 184, 241
 255, 255, 255	 42, 157, 212
 146, 240, 255	 0, 131, 185
 176, 255, 255	 0, 106, 158
 207, 255, 255	 0, 82, 131
 238, 255, 255	 0, 59, 106
	 0, 38, 81
	 0, 13, 58
	 0, 2, 36
	 0, 0, 11

■ 82, 184, 241

■ 82, 184, 241

■ 58, 175, 241

■ 106, 193, 241

■ 34, 167, 241

■ 130, 201, 241

■ 10, 158, 241

■ 154, 210, 241

■ 0, 155, 241

■ 178, 219, 241

■ 203, 227, 241

■ 227, 236, 241

■ 251, 244, 241

■ 255, 253, 241

■ 255, 255, 241

Harmonies

Analogous

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



6, 191, 220



82, 184, 241



145, 173, 244

Triad

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



82, 184, 241



243, 146, 161



145, 186, 120

Complementary

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



82, 184, 241



241, 139, 82

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.



184, 177, 103



82, 184, 241



238, 153, 129

Square

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



82, 184, 241



230, 149, 197



216, 164, 107



100, 192, 151

Rectangle

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



82, 184, 241



181, 164, 235



216, 164, 107



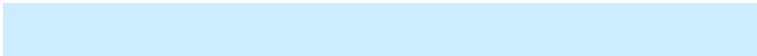
158, 183, 112

Sweetspot

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



82, 184, 241



204, 237, 255



82, 241, 138



97, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



82, 184, 241



54, 183, 255



82, 106, 241



108, 116, 120



0, 118, 184



0, 36, 56

Inverse Universe

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



241, 82, 184



255, 54, 183



241, 217, 82



120, 108, 116



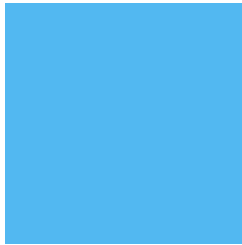
184, 0, 118



56, 0, 36

Previews

White Background



This preview shows how the RGB color 82, 184, 241 looks on a white background.

Color Contrast Check

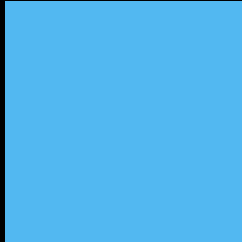
Large Text (above 18pt) WCAG AA × Fail

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 82, 184, 241 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

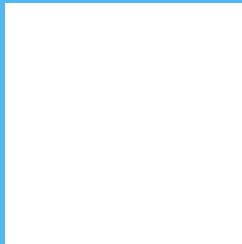
Any Text WCAG AAA ✓ Pass

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

RGB 82, 184, 241 Background



This preview shows how black text looks on a background with the RGB color 82, 184, 241.

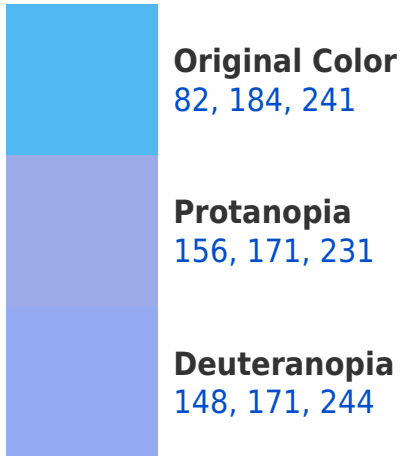


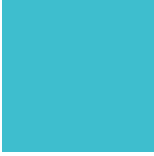
This preview shows how white text looks on a background with the RGB color 82, 184, 241.

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
62, 190, 206

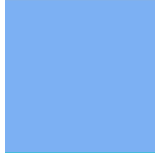
Trichromacy



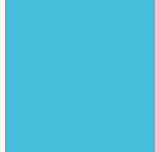
Original Color
82, 184, 241



Protanomaly
129, 176, 235



Deuteranomaly
124, 176, 243



Tritanomaly
69, 188, 219

Monochromacy



Original Color
82, 184, 241



Achromatopsia
160, 160, 160



Achromatomaly
132, 169, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 82, 184, 241 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(82, 184, 241)` looks like.

```
.text, #text, p{  
    color:rgb(82, 184, 241)  
}
```

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(82, 184, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 184, 241) }
```

Border

The CSS property to change the border of an element to RGB 82, 184, 241 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(82, 184, 241) }
```

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

```
.border{ border-color:rgb(82, 184, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 184, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 184, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 184, 241);  
box-shadow:4px 4px 4px 4px rgb(82, 184,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 82, 184, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 184, 241) }
```

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

```
.background{ background-color: rgb(82, 184,  
241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor