

Converting Colors

RGB(82, 192, 231)

Have a look what the booklet for
RGB(82, 192, 231) contains.

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Color

RGB(82, 192, 231)

Conversions

Conversions Part 1

Format	Color
Hex	52C0E7
RGB	82, 192, 231
RGB Percent	32%, 75%, 91%
CMY	0.6784, 0.2471, 0.0941
CMYK	0.65, 0.17, 0.00, 0.09
HSL	196°, 76%, 61%
HSV	196°, 65%, 91%
XYZ	36.7531, 45.2626, 82.4008
YIQ	163.5560, -78.0790, -11.1910

Conversions

Conversions Part 2

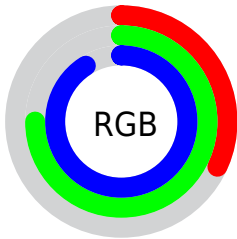
Format	Color
R_{YB}	82, 145, 231
Decimal	5423335
CIE _{Lab}	73.06, -19.63, -28.70
CIE _{LCh}	73, 34.770, 235.628
Yxy	45.2626, 0.2235, 0.2753
Android (android.graphics.Color)	4283613415 (0xFF52C0E7)
YUV	163.5560, 33.2499, -71.5246
Hunter-Lab	67.2775, -20.2227, -25.5235

Details

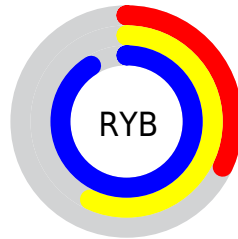
The RGB color **82, 192, 231** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **231, 121, 82**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **145, 249, 255**, and **0, 138, 175** is the 20% darker color. If you saturate the color by 10%, you get **59, 186, 231**, and if you desaturate by 10%, it is **105, 198, 231**.

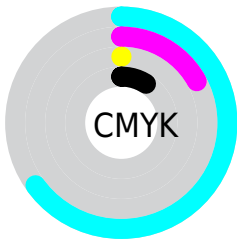
Distribution



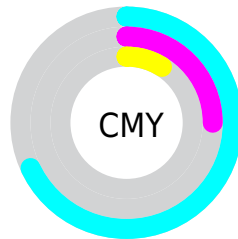
- Red (32%)
- Green (75%)
- Blue (91%)



- Red (32%)
- Yellow (57%)
- Blue (91%)



- Cyan (65%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



















- Cyan (68%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 82, 192, 231 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, 192, 231 by changing the saturation by 10% instead.

 82, 192, 231	 82, 192, 231
 255, 255, 255	 43, 165, 203
 145, 249, 255	 0, 138, 175
 175, 255, 255	 0, 113, 149
 206, 255, 255	 0, 88, 123
 236, 255, 255	 0, 65, 98
	 0, 42, 74
	 0, 21, 51
	 0, 2, 29
	 0, 0, 0

■ 82, 192, 231

■ 82, 192, 231

■ 59, 186, 231

■ 105, 198, 231

■ 36, 180, 231

■ 128, 204, 231

■ 13, 174, 231

■ 151, 210, 231

■ 0, 171, 231

■ 174, 216, 231

■ 198, 222, 231

■ 221, 228, 231

■ 244, 234, 231

■ 255, 240, 231

■ 255, 246, 231

Harmonies

Analogous

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



69, 196, 206



82, 192, 231



128, 184, 242

Triad

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



82, 192, 231



238, 156, 185



173, 186, 121

Complementary

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



82, 192, 231



231, 121, 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.



205, 176, 116



82, 192, 231



242, 157, 153

Square

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



82, 192, 231



215, 162, 216



230, 165, 128



136, 193, 142

Rectangle

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



82, 192, 231



161, 177, 240



230, 165, 128



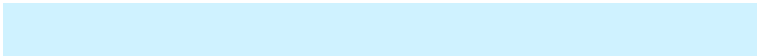
184, 183, 117

Sweetspot

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



82, 192, 231



207, 242, 255



82, 231, 119



98, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



82, 192, 231



59, 204, 255



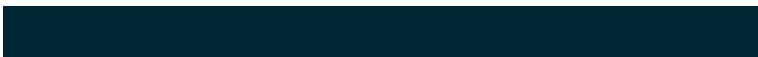
82, 119, 231



103, 112, 115



0, 132, 179



0, 38, 51

Inverse Universe

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



231, 82, 192



255, 59, 204



231, 194, 82



115, 103, 112



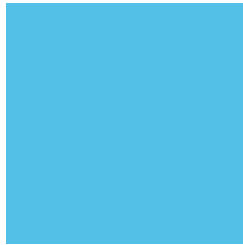
179, 0, 132



51, 0, 38

Previews

White Background



This preview shows how the RGB color 82, 192, 231 looks on a white background.

Color Contrast Check

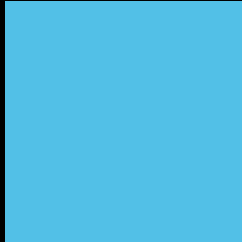
Large Text (above 18pt) WCAG AA × Fail

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, 192, 231 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, 192, 231 Background



This preview shows how black text looks on a background with the RGB color 82, 192, 231.

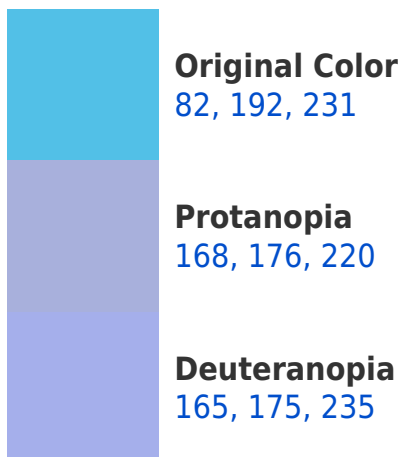


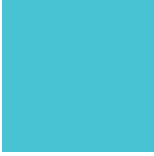
This preview shows how white text looks on a background with the RGB color 82, 192, 231.

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



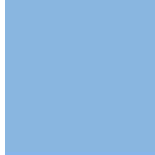


Tritanopia
72, 195, 211

Trichromacy



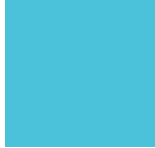
Original Color
82, 192, 231



Protanomaly
137, 182, 224



Deuteranomaly
135, 181, 234



Tritanomaly
76, 194, 218

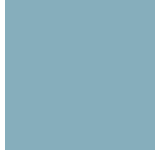
Monochromacy



Original Color
82, 192, 231



Achromatopsia
164, 164, 164



Achromatomaly
134, 174, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 82, 192, 231 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, 192, 231)` looks like.

```
.text, #text, p{  
    color:rgb(82, 192, 231)  
}
```

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, 192, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 192, 231) }
```

Border

The CSS property to change the border of an element to RGB 82, 192, 231 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, 192, 231) }
```

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

```
.border{ border-color:rgb(82, 192, 231) }
```

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

Here you see how a box with a 4 pixel rgb(82, 192, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 192, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 192, 231);  
box-shadow:4px 4px 4px 4px rgb(82, 192,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 82, 192, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 192, 231) }
```

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

```
.background{ background-color: rgb(82, 192,  
231) }
```

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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