Converting Colors

RGB(0, 187, 243)

Have a look what the booklet for RGB(0, 187, 243) contains.

Color

RGB(0, 187, 243)

Conversions

Conversions Part 1

Format	Color
Hex	00BBF3
RGB	0, 187, 243
RGB Percent	0%, 73%, 95%
CMY	1.0000, 0.2667, 0.0471
CMYK	1.00, 0.23, 0.00, 0.05
HSL	194°, 100%, 48%
HSV	194°, 100%, 95%
XYZ	33.9480, 42.0117, 91.1138
YIQ	137.4710, -129.4280, -22.2280

Conversions

Conversions Part 2

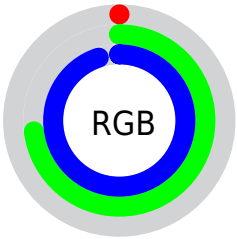
Format	Color
RYB	0, 106, 243
Decimal	48115
CIELab	70.88, -19.72, -38.68
CIELCh	71, 43.416, 242.981
Yxy	42.0117, 0.2032, 0.2515
Android (android.graphics.Color)	4278238195 (0xFF00BBF3)
YUV	137.4710, 52.0258, -120.5621
Hunter-Lab	64.8164, -19.9384, -37.9737

Details

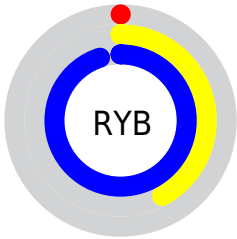
The RGB color 0, 187, 243 is a dark color, and the websafe version is hex 33CCFF. The color can be described as middle saturated azure. A complement of this color would be 243, 56, 0, and the grayscale version is 137, 137, 137.

A 20% lighter version of the original color is 111, 243, 255, and 0, 134, 187 is the 20% darker color. If you saturate the color by 10%, you get 0, 187, 243, and if you desaturate by 10%, it is 24, 193, 243.

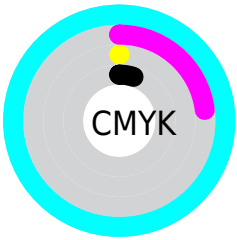
Distribution



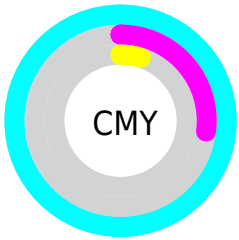
- Red (0%)
- Green (73%)
- Blue (95%)



- Red (0%)
- Yellow (42%)
- Blue (95%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 187, 243 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 0, 187, 243 by changing the saturation by 10% instead.

0, 187, 243	0, 187, 243
255, 255, 255	0, 160, 214
111, 243, 255	0, 134, 187
145, 255, 255	0, 108, 159
177, 255, 255	0, 84, 133
209, 255, 255	0, 61, 107
241, 255, 255	0, 39, 83
	0, 12, 60
	0, 2, 37
	0, 1, 14

0, 187, 243

24, 193, 243

49, 198, 243

73, 204, 243

97, 209, 243

121, 215, 243

146, 221, 243

170, 226, 243

194, 232, 243

219, 237, 243

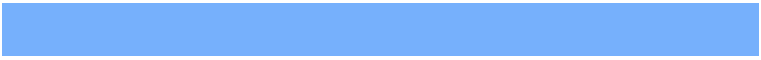
Harmonies

Analogous

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

0, 193, 215

0, 187, 243



118, 176, 252

Triad

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

0, 187, 243

247, 142, 171

153, 184, 105

Complementary

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

0, 187, 243

243, 56, 0

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.

195, 172, 93

0, 187, 243

247, 146, 132

Square

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

0, 187, 243

226, 148, 210

227, 159, 104

104, 191, 136

Rectangle

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

0, 187, 243

163, 167, 246

227, 159, 104

168, 180, 99

Sweetspot

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

0, 187, 243

179, 237, 255

0, 243, 53

82, 117, 128

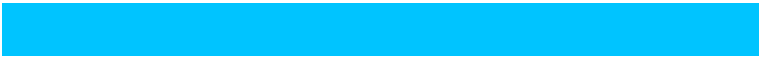
0, 0, 0

128, 128, 128

Same Dimension

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

0, 187, 243



0, 196, 255

0, 69, 243

110, 120, 122

0, 143, 186

0, 45, 59

Inverse Universe

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

243, 0, 187

255, 0, 196

243, 174, 0

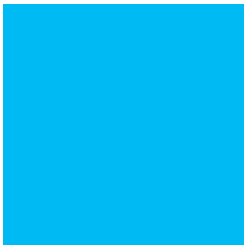
122, 110, 120

186, 0, 143

59, 0, 45

Previews

White Background

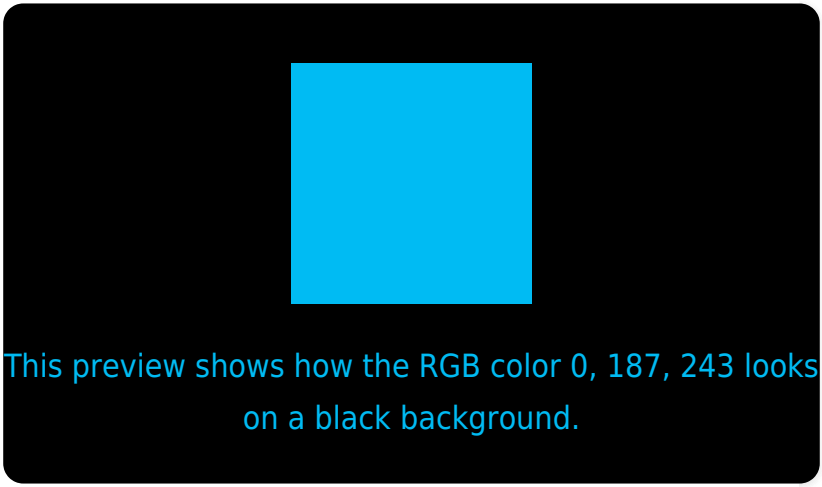


This preview shows how the RGB color 0, 187, 243 looks on a white background.

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



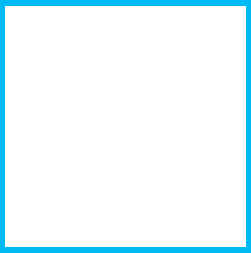
Color Contrast Check

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 0, 187, 243 Background

This preview shows how black text looks on a background with the RGB color 0, 187, 243.



This preview shows how white text looks on a background with the RGB color 0, 187, 243.

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

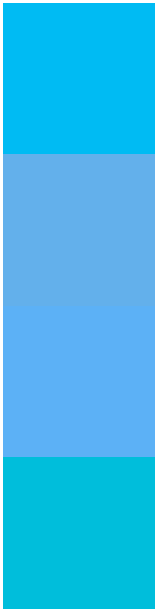
Original Color
0, 187, 243

Protanopia
155, 170, 230

Deuteranopia
144, 171, 247

Tritanopia
0, 192, 206

Trichromacy



Original Color
0, 187, 243

Protanomaly
99, 176, 235

Deuteranomaly
92, 177, 246

Tritanomaly
0, 190, 219

Monochromacy

Original Color
0, 187, 243

Achromatopsia
137, 137, 137

Achromatomaly
87, 155, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 187, 243 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(0, 187, 243) looks like.

```
.text, #text, p{
    color:rgb(0, 187, 243)
}
```

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(0, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 243) }
```

Border

The CSS property to change the border of an element to RGB 0, 187, 243 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(0, 187, 243) }
```

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

```
.border{ border-color:rgb(0, 187, 243) }
```

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

Here you see how a box with a 4 pixel rgb(0, 187, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 187, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 187, 243); box-shadow:4px 4px 4px 4px rgb(0, 187, 243) }
```

Background

The CSS property to change the background color of an element to RGB 0, 187, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 187, 243) }
```

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

```
.background{ background-color:rgb(0, 187,
243) }
```

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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