Converting Colors

RGB(0, 182, 233)

Have a look what the booklet for RGB(0, 182, 233) contains.

Color

RGB(0, 182, 233)

Conversions

Conversions Part 1

Format	Color
Hex	00B6E9
RGB	0, 182, 233
RGB Percent	0%, 71%, 91%
CMY	1.0000, 0.2863, 0.0863
CMYK	1.00, 0.22, 0.00, 0.09
HSL	193°, 100%, 46%
HSV	193°, 100%, 91%
XYZ	31.4359, 39.3391, 83.0271
YIQ	133.3960, -124.8430, -22.7230

Conversions

Conversions Part 2

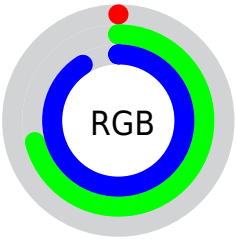
Format	Color
RYB	0, 102, 233
Decimal	46825
CIELab	69.00, -20.58, -36.17
CIELCh	69, 41.620, 240.360
Yxy	39.3391, 0.2044, 0.2558
Android (android.graphics.Color)	4278236905 (0xFF00B6E9)
YUV	133.3960, 49.1048, -116.9883
Hunter-Lab	62.7209, -20.2967, -34.5809

Details

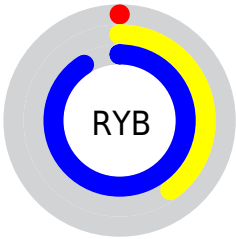
The RGB color 0, 182, 233 is a dark color, and the websafe version is hex 33CCFF. The color can be described as middle washed azure. A complement of this color would be 233, 51, 0, and the grayscale version is 133, 133, 133.

A 20% lighter version of the original color is 108, 238, 255, and 0, 129, 177 is the 20% darker color. If you saturate the color by 10%, you get 0, 182, 233, and if you desaturate by 10%, it is 23, 187, 233.

Distribution

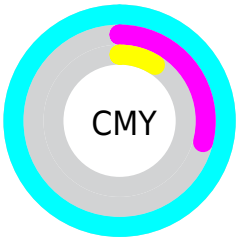


- Red (0%)
- Green (71%)
- Blue (91%)



- Red (0%)
- Yellow (40%)
- Blue (91%)

- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 182, 233 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, 182, 233 by changing the saturation by 10% instead.

0, 182, 233

255, 255, 255

108, 238, 255

142, 255, 255

174, 255, 255

206, 255, 255

237, 255, 255

0, 182, 233

0, 155, 205

0, 129, 177

0, 104, 150

0, 80, 124

0, 57, 99

0, 36, 75

0, 4, 52

0, 2, 30

0, 0, 0

0, 182, 233

23, 187, 233

47, 192, 233

70, 197, 233

93, 202, 233

117, 208, 233

140, 213, 233

163, 218, 233

186, 223, 233

210, 228, 233

Harmonies

Analogous

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

0, 187, 205

0, 182, 233

111, 172, 243

Triad

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

0, 182, 233

238, 138, 169

153, 177, 102

Complementary

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

0, 182, 233

233, 51, 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.

192, 166, 92

0, 182, 233

239, 142, 132

Square

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

0, 182, 233

216, 145, 206

222, 153, 104

107, 185, 130

Rectangle

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

0, 182, 233

154, 163, 239

222, 153, 104

167, 174, 96

Sweetspot

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

0, 182, 233

179, 238, 255

0, 233, 50

82, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

0, 182, 233

0, 199, 255

0, 66, 233

106, 115, 117

0, 141, 181

0, 42, 54

Inverse Universe

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

233, 0, 182

255, 0, 199

233, 167, 0

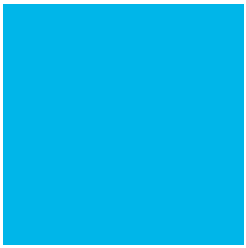
117, 106, 115

181, 0, 141

54, 0, 42

Previews

White Background

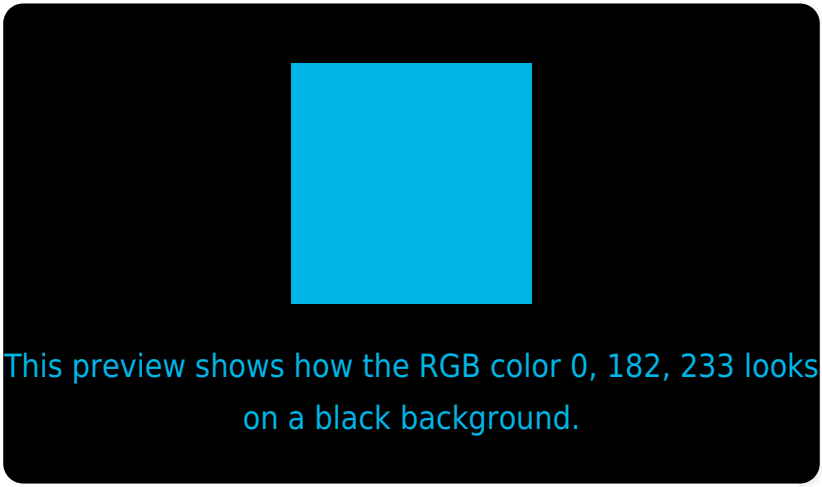


This preview shows how the RGB color 0, 182, 233 looks on a white background.

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, 182, 233 Background

This preview shows how black text looks on a background with the RGB color 0, 182, 233.

This preview shows how white text looks on a background with the RGB color 0, 182, 233.

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, 182, 233

Protanopia
152, 165, 220

Deuteranopia
142, 166, 237

Tritanopia
0, 186, 200

Trichromacy

Original Color
0, 182, 233

Protanomaly
97, 171, 225

Deuteranomaly
90, 172, 236

Tritanomaly
0, 185, 212

Monochromacy

Original Color
0, 182, 233

Achromatopsia
133, 133, 133

Achromatomaly
85, 151, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 182, 233 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, 182, 233) looks like.

```
.text, #text, p{
    color:rgb(0, 182, 233)
}
```

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, 182, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 233) }
```

Border

The CSS property to change the border of an element to RGB 0, 182, 233 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, 182, 233) }
```

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

```
.border{ border-color:rgb(0, 182, 233) }
```

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

Here you see how a box with a 4 pixel rgb(0, 182, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 182, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 182, 233); box-shadow:4px 4px 4px 4px rgb(0, 182, 233) }
```

Background

The CSS property to change the background color of an element to RGB 0, 182, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(0, 182, 233) }
```

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

```
.background{ background-color:rgb(0, 182, 233) }
```

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.

Follow me on Twitter!

@ConvertingColor