Converting Colors

RGB(76, 182, 221)

Have a look what the booklet for RGB(76, 182, 221) contains.

Color

RGB(76, 182, 221)

Conversions

Conversions Part 1

Format	Color
Hex	4CB6DD
RGB	76, 182, 221
RGB Percent	30%, 71%, 87%
CMY	0.7020, 0.2863, 0.1333
CMYK	0.66, 0.18, 0.00, 0.13
HSL	196°, 68%, 58%
HSV	196°, 66%, 87%
XYZ	32.7596, 40.2129, 74.4419
YIQ	154.7520, -75.6950, -10.3430

Conversions

Conversions Part 2

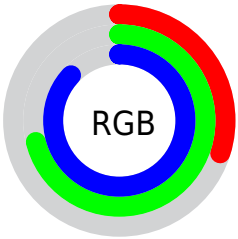
Format	Color
RYB	76, 137, 221
Decimal	5027549
CIELab	69.62, -18.49, -28.57
CIELCh	70, 34.029, 237.089
Yxy	40.2129, 0.2222, 0.2728
Android (android.graphics.Color)	4283217629 (0xFF4CB6DD)
YUV	154.7520, 32.6603, -69.0655
Hunter-Lab	63.4136, -18.7604, -25.2116

Details

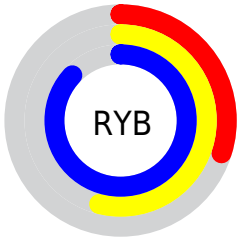
The RGB color 76, 182, 221 is a light color, and the websafe version is hex 66CCFF. The color can be described as light muted azure. A complement of this color would be 221, 115, 76, and the grayscale version is 154, 154, 154.

A 20% lighter version of the original color is 139, 238, 255, and 0, 129, 166 is the 20% darker color. If you saturate the color by 10%, you get 54, 176, 221, and if you desaturate by 10%, it is 98, 188, 221.

Distribution

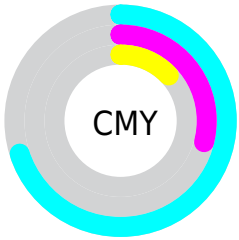


- Red (30%)
- Green (71%)
- Blue (87%)



- Red (30%)
- Yellow (54%)
- Blue (87%)

- Cyan (66%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 182, 221 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 76, 182, 221 by changing the saturation by 10% instead.

76, 182, 221

255, 255, 255

139, 238, 255

169, 255, 255

199, 255, 255

229, 255, 255

76, 182, 221

36, 155, 193

0, 129, 166

0, 104, 139

0, 80, 114

0, 57, 89

0, 35, 65

0, 3, 43

0, 1, 22

0, 0, 0

76, 182, 221	76, 182, 221
54, 176, 221	98, 188, 221
32, 170, 221	120, 194, 221
10, 164, 221	142, 200, 221
0, 162, 221	164, 206, 221
	187, 212, 221
	209, 218, 221
	231, 224, 221
	253, 230, 221
	255, 235, 221

Harmonies

Analogous

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

60, 186, 197

76, 182, 221

123, 174, 231

Triad

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

76, 182, 221

227, 147, 174

162, 177, 114

Complementary

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

76, 182, 221

221, 115, 76

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.

194, 167, 108

76, 182, 221

230, 148, 143

Square

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

76, 182, 221

206, 153, 204

218, 157, 119

126, 183, 136

Rectangle

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

76, 182, 221

155, 167, 229

218, 157, 119

173, 174, 110

Sweetspot

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

76, 182, 221

204, 241, 255

76, 221, 115

97, 119, 128

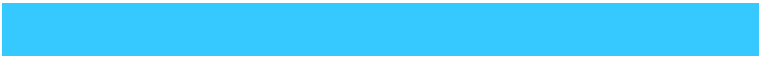
0, 0, 0

128, 128, 128

Same Dimension

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

76, 182, 221



54, 201, 255

76, 110, 221

99, 107, 110

0, 127, 173

0, 34, 46

Inverse Universe

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

221, 76, 182

255, 54, 201

221, 187, 76

110, 99, 107

173, 0, 127

46, 0, 34

Previews

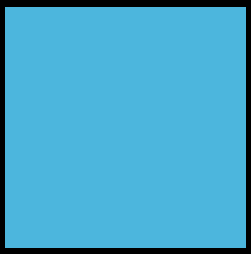
White Background

This preview shows how the RGB color 76, 182, 221 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



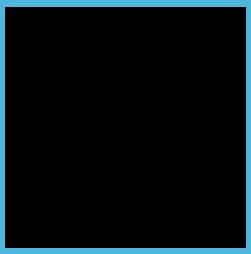
This preview shows how the RGB color 76, 182, 221 looks on a black background.

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 76, 182, 221 Background



This preview shows how black text looks on a background with the RGB color 76, 182, 221.

This preview shows how white text looks on a background with the RGB color 76, 182, 221.

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

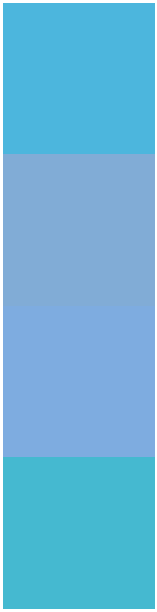
Original Color
76, 182, 221

Protanopia
159, 167, 210

Deuteranopia
155, 166, 225

Tritanopia
65, 186, 201

Trichromacy



Original Color
76, 182, 221

Protanomaly
129, 172, 214

Deuteranomaly
126, 172, 224

Tritanomaly
69, 185, 208

Monochromacy

Original Color
76, 182, 221

Achromatopsia
155, 155, 155

Achromatomaly
126, 165, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 182, 221 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(76, 182, 221) looks like.

```
.text, #text, p{
    color:rgb(76, 182, 221)
}
```

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(76, 182, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 182, 221) }
```

Border

The CSS property to change the border of an element to RGB 76, 182, 221 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(76, 182, 221) }
```

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

```
.border{ border-color:rgb(76, 182, 221) }
```

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

Here you see how a box with a 4 pixel rgb(76, 182, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 182, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 182, 221); box-shadow:4px 4px 4px 4px rgb(76, 182, 221) }
```

Background

The CSS property to change the background color of an element to RGB 76, 182, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(76, 182, 221) }
```

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

```
.background{ background-color:rgb(76, 182,
221) }
```

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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