

Converting Colors

RGB(72, 176, 202)

Have a look what the booklet for
RGB(72, 176, 202) contains.

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Color

RGB(72, 176, 202)

Conversions

Conversions Part 1

Format	Color
Hex	48B0CA
RGB	72, 176, 202
RGB Percent	28%, 69%, 79%
CMY	0.7176, 0.3098, 0.2078
CMYK	0.64, 0.13, 0.00, 0.21
HSL	192°, 55%, 54%
HSV	192°, 64%, 79%
XYZ	28.8585, 36.6927, 61.4385
YIQ	147.8680, -70.3300, -13.9620

Conversions

Conversions Part 2

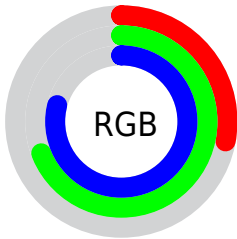
Format	Color
RYB	72, 130, 202
Decimal	4763850
CIELab	67.05, -21.90, -22.09
CIElCh	67, 31.101, 225.246
Yxy	36.6927, 0.2273, 0.2889
Android (android.graphics.Color)	4282953930 (0xFF48B0CA)
YUV	147.8680, 26.6871, -66.5362
Hunter-Lab	60.5745, -20.9655, -17.7336

Details

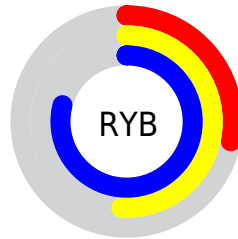
The RGB color **72, 176, 202** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **202, 98, 72**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **134, 232, 255**, and **0, 123, 148** is the 20% darker color. If you saturate the color by 10%, you get **52, 172, 202**, and if you desaturate by 10%, it is **92, 180, 202**.

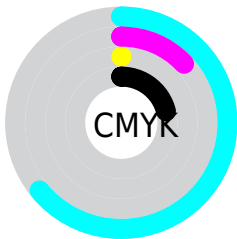
Distribution



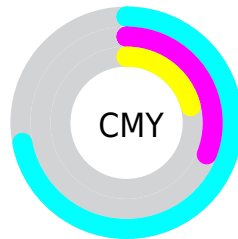
- Red (28%)
- Green (69%)
- Blue (79%)



- Red (28%)
- Yellow (51%)
- Blue (79%)



- Cyan (64%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)




















- Cyan (72%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 72, 176, 202 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 72, 176, 202 by changing the saturation by 10% instead.

 72, 176, 202	 72, 176, 202
 255, 255, 255	 33, 149, 175
 134, 232, 255	 0, 123, 148
 163, 255, 255	 0, 98, 122
 193, 255, 255	 0, 74, 97
 223, 255, 255	 0, 51, 73
 253, 255, 255	 0, 31, 51
	 0, 2, 30
	 0, 0, 0

 72, 176, 202	 72, 176, 202
--	--

■ 52, 172, 202

■ 92, 180, 202

■ 32, 168, 202

■ 112, 184, 202

■ 11, 164, 202

■ 133, 188, 202

■ 0, 162, 202

■ 153, 192, 202

■ 173, 196, 202

■ 193, 200, 202

■ 213, 204, 202

■ 234, 208, 202

■ 254, 212, 202

Harmonies

Analogous

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



75, 179, 177



72, 176, 202



104, 170, 217

Triad

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



72, 176, 202



210, 144, 178



168, 166, 109

Complementary

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



72, 176, 202



202, 98, 72

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, 157, 109



72, 176, 202



219, 142, 150

Square

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



72, 176, 202



185, 151, 203



213, 148, 125



137, 173, 123

Rectangle

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



72, 176, 202



133, 164, 219



213, 148, 125



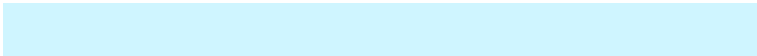
178, 163, 107

Sweetspot

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



72, 176, 202



207, 245, 255



72, 202, 98



98, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



72, 176, 202



59, 216, 255



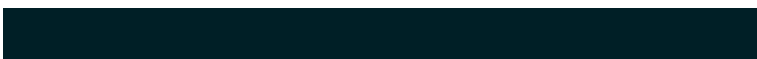
72, 111, 202



92, 100, 102



0, 133, 166



0, 31, 38

Inverse Universe

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



202, 72, 176



255, 59, 216



202, 163, 72



102, 92, 100



166, 0, 133



38, 0, 31

Previews

White Background



This preview shows how the RGB color 72, 176, 202 looks on a white background.

Color Contrast Check

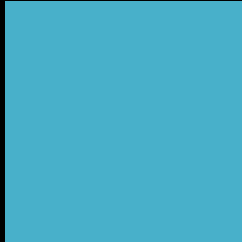
Large Text (above 18pt) WCAG AA × Fail

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 72, 176, 202 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 72, 176, 202 Background



This preview shows how black text looks on a background with the RGB color 72, 176, 202.

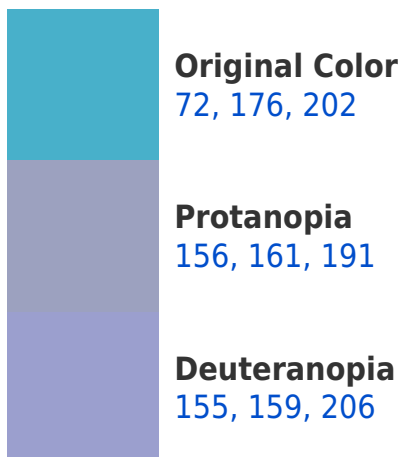


This preview shows how white text looks on a background with the RGB color 72, 176, 202.

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
67, 178, 192

Trichromacy



Original Color

72, 176, 202



Protanomaly

125, 166, 195



Deuteranomaly

125, 165, 205



Tritanomaly

69, 177, 196

Monochromacy



Original Color

72, 176, 202



Achromatopsia

148, 148, 148



Achromatomaly

120, 158, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 176, 202 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(72, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(72, 176, 202)  
}
```

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(72, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 176, 202) }
```

Border

The CSS property to change the border of an element to RGB 72, 176, 202 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(72, 176, 202) }
```

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

```
.border{ border-color:rgb(72, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(72, 176,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 72, 176, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 176, 202) }
```

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

```
.background{ background-color: rgb(72, 176,  
202) }
```

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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