

Converting Colors

RGB(70, 192, 184)

Have a look what the booklet for
RGB(70, 192, 184) contains.

RGB(70, 192, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(70, 192, 184)

Conversions

Conversions Part 1

Format	Color
Hex	46C0B8
RGB	70, 192, 184
RGB Percent	27%, 75%, 72%
CMY	0.7255, 0.2471, 0.2784
CMYK	0.64, 0.00, 0.04, 0.25
HSL	176°, 49%, 51%
HSV	176°, 64%, 75%
XYZ	30.0272, 42.4621, 51.9608
YIQ	154.6100, -70.1440, -28.3520

Conversions

Conversions Part 2

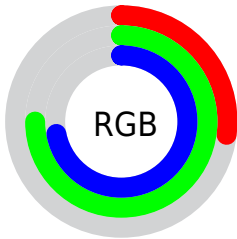
Format	Color
RYB	70, 133, 192
Decimal	4636856
CIELab	71.19, -35.28, -5.97
CIELCh	71, 35.778, 189.600
Yxy	42.4621, 0.2413, 0.3412
Android (android.graphics.Color)	4282826936 (0xFF46C0B8)
YUV	154.6100, 14.4893, -74.2030
Hunter-Lab	65.1629, -31.7821, -1.6637

Details

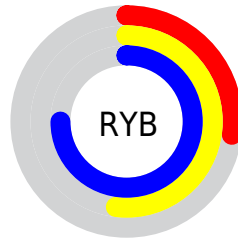
The RGB color **70, 192, 184** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **192, 70, 78**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **132, 249, 240**, and **0, 138, 131** is the 20% darker color. If you saturate the color by 10%, you get **51, 192, 183**, and if you desaturate by 10%, it is **89, 192, 185**.

Distribution



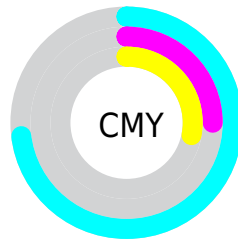
- Red (27%)
- Green (75%)
- Blue (72%)



- Red (27%)
- Yellow (52%)
- Blue (75%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



















- Cyan (73%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 192, 184 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 70, 192, 184 by changing the saturation by 10% instead.

 70, 192, 184	 70, 192, 184
 255, 255, 255	 30, 165, 157
 132, 249, 240	 0, 138, 131
 162, 255, 255	 0, 112, 106
 191, 255, 255	 0, 87, 82
 221, 255, 255	 0, 63, 59
 252, 255, 255	 0, 41, 37
	 0, 9, 17
	 0, 0, 0

 70, 192, 184	 70, 192, 184
--	--

■ 51, 192, 183

■ 89, 192, 185

■ 32, 192, 181

■ 108, 192, 187

■ 12, 192, 180

■ 128, 192, 188

■ 0, 192, 179

■ 147, 192, 189

■ 166, 192, 190

■ 185, 192, 192

■ 204, 192, 193

■ 224, 192, 194

■ 243, 192, 195

Harmonies

Analogous

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



111, 190, 151



70, 192, 184



53, 190, 215

Triad

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



70, 192, 184



192, 162, 225



215, 165, 114

Complementary

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



70, 192, 184



192, 70, 78

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.



234, 154, 134



70, 192, 184



224, 152, 198

Square

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



70, 192, 184



145, 174, 238



238, 149, 165



186, 176, 109

Rectangle

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



70, 192, 184



76, 186, 230



238, 149, 165



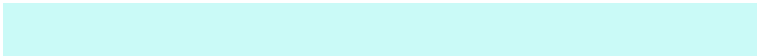
223, 161, 119

Sweetspot

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



70, 192, 184



202, 250, 247



78, 192, 70



96, 125, 123



252, 252, 252



125, 125, 125

Same Dimension

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



70, 192, 184



60, 250, 237



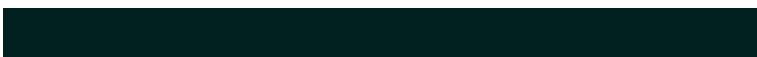
70, 139, 192



87, 97, 96



0, 161, 150



0, 33, 31

Inverse Universe

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



192, 70, 78



250, 60, 72



192, 123, 70



97, 87, 88



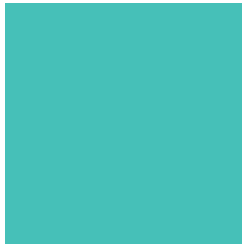
161, 0, 11



33, 0, 2

Previews

White Background



This preview shows how the RGB color 70, 192, 184 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 70, 192, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

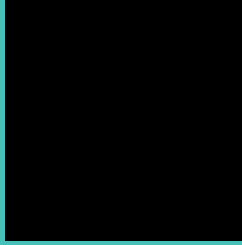
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

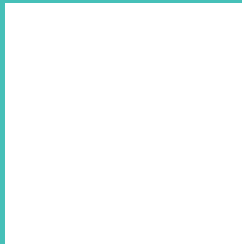
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 70, 192, 184 Background



This preview shows how black text looks on a background with the RGB color 70, 192, 184.



This preview shows how white text looks on a background with the RGB color 70, 192, 184.

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
79, 189, 204

Trichromacy



Original Color

70, 192, 184



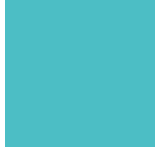
Protanomaly

137, 179, 176



Deuteranomaly

141, 177, 187



Tritanomaly

76, 190, 197

Monochromacy



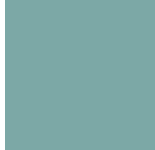
Original Color

70, 192, 184



Achromatopsia

155, 155, 155



Achromatomaly

124, 168, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 192, 184 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(70, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(70, 192, 184)  
}
```

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(70, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 192, 184) }
```

Border

The CSS property to change the border of an element to RGB 70, 192, 184 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(70, 192, 184) }
```

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

```
.border{ border-color:rgb(70, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(70, 192,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 70, 192, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 192, 184) }
```

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

```
.background{ background-color: rgb(70, 192,  
184) }
```

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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