

Converting Colors

RGB(52, 182, 218)

Have a look what the booklet for
RGB(52, 182, 218) contains.

RGB(52, 182, 218)	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(52, 182, 218)

Conversions

Conversions Part 1

Format	Color
Hex	34B6DA
RGB	52, 182, 218
RGB Percent	20%, 71%, 85%
CMY	0.7961, 0.2863, 0.1451
CMYK	0.76, 0.17, 0.00, 0.15
HSL	193°, 69%, 53%
HSV	193°, 76%, 85%
XYZ	30.7990, 39.2479, 72.2820
YIQ	147.2340, -89.0360, -16.3640

Conversions

Conversions Part 2

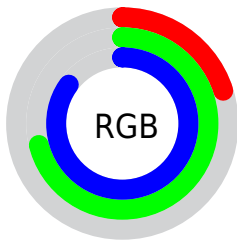
Format	Color
RYB	52, 125, 218
Decimal	3454682
CIELab	68.93, -22.65, -28.04
CIELCh	69, 36.044, 231.066
Yxy	39.2479, 0.2164, 0.2758
Android (android.graphics.Color)	4281644762 (0xFF34B6DA)
YUV	147.2340, 34.8876, -83.5202
Hunter-Lab	62.6482, -21.8803, -24.5537

Details

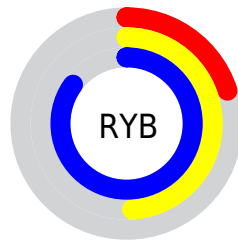
The RGB color **52, 182, 218** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **218, 88, 52**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **123, 238, 255**, and **0, 129, 163** is the 20% darker color. If you saturate the color by 10%, you get **30, 177, 218**, and if you desaturate by 10%, it is **74, 187, 218**.

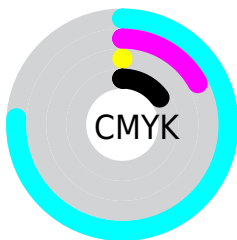
Distribution



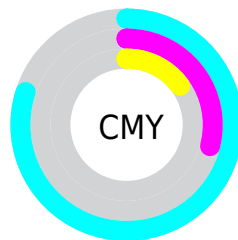
- Red (20%)
- Green (71%)
- Blue (85%)



- Red (20%)
- Yellow (49%)
- Blue (85%)



- Cyan (76%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)




















- Cyan (80%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 52, 182, 218 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 52, 182, 218 by changing the saturation by 10% instead.

 52, 182, 218	 52, 182, 218
 255, 255, 255	 0, 155, 190
 123, 238, 255	 0, 129, 163
 154, 255, 255	 0, 104, 137
 185, 255, 255	 0, 79, 111
 215, 255, 255	 0, 56, 87
 246, 255, 255	 0, 35, 63
	 0, 3, 41
	 0, 1, 19
	 0, 0, 0

■ 52, 182, 218

■ 52, 182, 218

■ 30, 177, 218

■ 74, 187, 218

■ 8, 173, 218

■ 96, 191, 218

■ 0, 171, 218

■ 117, 196, 218

■ 139, 201, 218

■ 161, 206, 218

■ 183, 210, 218

■ 205, 215, 218

■ 226, 220, 218

■ 248, 225, 218

Harmonies

Analogous

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



46, 186, 191



52, 182, 218



105, 174, 232

Triad

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



52, 182, 218



225, 144, 179



167, 173, 106

Complementary

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



52, 182, 218



218, 88, 52

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.



199, 163, 104



52, 182, 218



232, 144, 146

Square

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



52, 182, 218



200, 152, 210



222, 152, 119



129, 181, 126

Rectangle

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



52, 182, 218



141, 167, 232



222, 152, 119



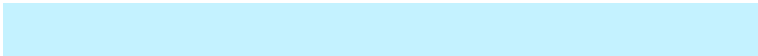
178, 170, 103

Sweetspot

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



52, 182, 218



196, 242, 255



52, 218, 88



92, 120, 128



0, 0, 0



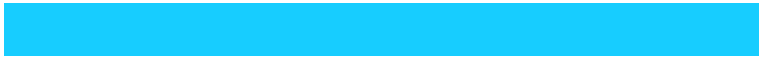
128, 128, 128

Same Dimension

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



52, 182, 218



23, 205, 255



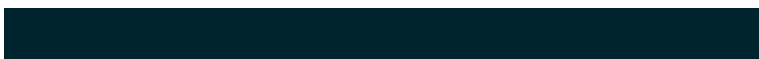
52, 99, 218



99, 107, 110



0, 136, 173



0, 36, 46

Inverse Universe

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



218, 52, 182



255, 23, 205



218, 171, 52



110, 99, 107



173, 0, 136



46, 0, 36

Previews

White Background



This preview shows how the RGB color 52, 182, 218 looks on a white background.

Color Contrast Check

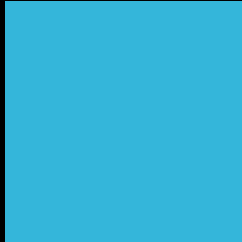
Large Text (above 18pt) WCAG AA × Fail

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 52, 182, 218 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 52, 182, 218 Background



This preview shows how black text looks on a background with the RGB color 52, 182, 218.

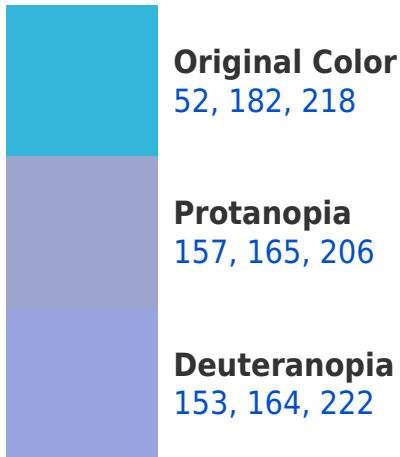


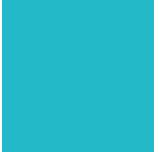
This preview shows how white text looks on a background with the RGB color 52, 182, 218.

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



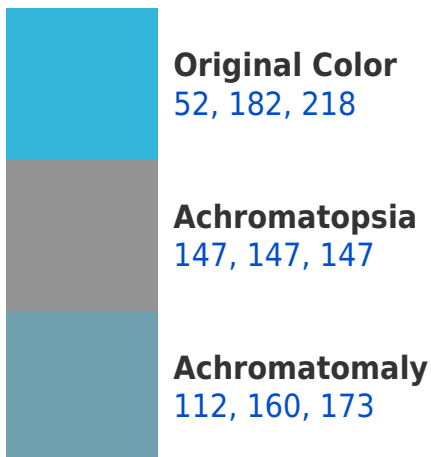


Tritanopia
35, 185, 200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 52, 182, 218 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(52, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(52, 182, 218)  
}
```

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(52, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 182, 218) }
```

Border

The CSS property to change the border of an element to RGB 52, 182, 218 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(52, 182, 218) }
```

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

```
.border{ border-color:rgb(52, 182, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 182, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 182, 218);  
box-shadow:4px 4px 4px 4px rgb(52, 182,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 52, 182, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 182, 218) }
```

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

```
.background{ background-color: rgb(52, 182,  
218) }
```

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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