

Converting Colors

RGB(52, 188, 218)

Have a look what the booklet for
RGB(52, 188, 218) contains.

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Color

RGB(52, 188, 218)

Conversions

Conversions Part 1

Format	Color
Hex	34BCDA
RGB	52, 188, 218
RGB Percent	20%, 74%, 85%
CMY	0.7961, 0.2627, 0.1451
CMYK	0.76, 0.14, 0.00, 0.15
HSL	191°, 69%, 53%
HSV	191°, 76%, 85%
XYZ	32.0543, 41.7585, 72.7004
YIQ	150.7560, -90.6860, -19.5020

Conversions

Conversions Part 2

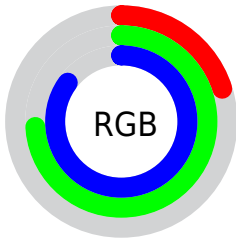
Format	Color
R _Y B	52, 127, 218
Decimal	3456218
CIE Lab	70.70, -25.69, -25.32
CIE LCh	71, 36.069, 224.577
Yxy	41.7585, 0.2188, 0.2850
Android (android.graphics.Color)	4281646298 (0xFF34BCDA)
YUV	150.7560, 33.1513, -86.6090
Hunter-Lab	64.6208, -24.5438, -21.4686

Details

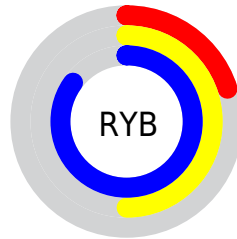
The RGB color **52, 188, 218** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted azure. A complement of this color would be **218, 82, 52**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **123, 244, 255**, and **0, 134, 163** is the 20% darker color. If you saturate the color by 10%, you get **30, 184, 218**, and if you desaturate by 10%, it is **74, 192, 218**.

Distribution



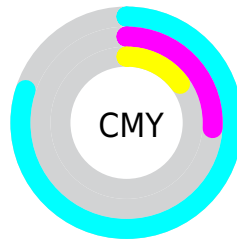
- Red (20%)
- Green (74%)
- Blue (85%)



- Red (20%)
- Yellow (50%)
- Blue (85%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)




















- Cyan (80%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 52, 188, 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, 188, 218 by changing the saturation by 10% instead.

 52, 188, 218	 52, 188, 218
 255, 255, 255	 0, 161, 190
 123, 244, 255	 0, 134, 163
 155, 255, 255	 0, 109, 137
 185, 255, 255	 0, 84, 111
 216, 255, 255	 0, 61, 87
 247, 255, 255	 0, 39, 63
	 0, 8, 41
	 0, 1, 20
	 0, 0, 0

■ 52, 188, 218

■ 52, 188, 218

■ 30, 184, 218

■ 74, 192, 218

■ 8, 180, 218

■ 96, 196, 218

■ 0, 179, 218

■ 117, 200, 218

■ 139, 204, 218

■ 161, 208, 218

■ 183, 212, 218

■ 205, 216, 218

■ 226, 220, 218

■ 248, 223, 218

Harmonies

Analogous

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



61, 191, 188



52, 188, 218



98, 181, 236

Triad

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



52, 188, 218



227, 150, 191



179, 176, 109

Complementary

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



52, 188, 218



218, 82, 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.



210, 165, 110



52, 188, 218



238, 148, 158

Square

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



52, 188, 218



197, 159, 220



231, 154, 128



142, 185, 125

Rectangle

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



52, 188, 218



135, 174, 238



231, 154, 128



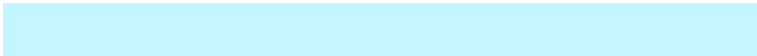
190, 173, 107

Sweetspot

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



52, 188, 218



196, 244, 255



52, 218, 80



92, 121, 128



0, 0, 0



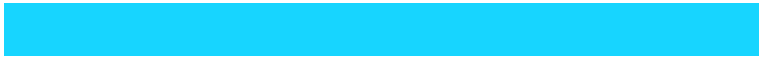
128, 128, 128

Same Dimension

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



52, 188, 218



23, 213, 255



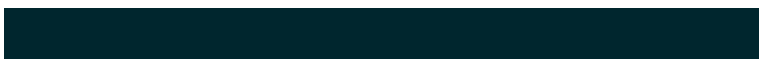
52, 107, 218



99, 108, 110



0, 142, 173



0, 38, 46

Inverse Universe

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



218, 52, 188



255, 23, 213



218, 163, 52



110, 99, 108



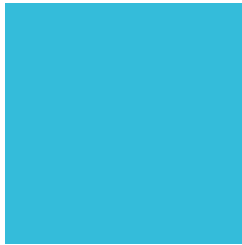
173, 0, 142



46, 0, 38

Previews

White Background



This preview shows how the RGB color 52, 188, 218 looks on a white background.

Color Contrast Check

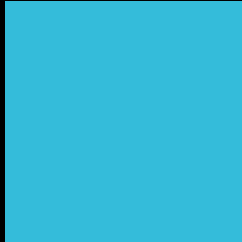
Large Text (above 18pt) WCAG AA × Fail

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, 188, 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, 188, 218 Background



This preview shows how black text looks on a background with the RGB color 52, 188, 218.

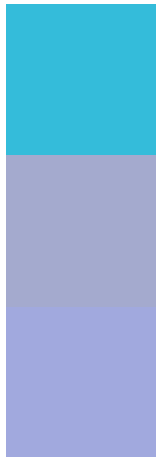


This preview shows how white text looks on a background with the RGB color 52, 188, 218.

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](#).

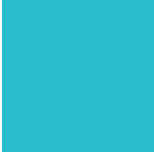
Dichromacy



Original Color
52, 188, 218

Protanopia
164, 170, 206

Deuteranopia
161, 169, 222



Tritanopia
41, 190, 206

Trichromacy



Original Color
52, 188, 218



Protanomaly
123, 177, 210



Deuteranomaly
121, 176, 221



Tritanomaly
45, 189, 210

Monochromacy



Original Color
52, 188, 218



Achromatopsia
151, 151, 151



Achromatomaly
115, 164, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 52, 188, 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, 188, 218) looks like.

```
.text, #text, p{  
    color:rgb(52, 188, 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, 188, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 188, 218) }
```

Border

The CSS property to change the border of an element to RGB 52, 188, 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, 188, 218) }
```

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

```
.border{ border-color:rgb(52, 188, 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, 188, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 188, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 188, 218);  
box-shadow:4px 4px 4px 4px rgb(52, 188,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 52, 188, 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, 188, 218) }
```

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

```
.background{ background-color: rgb(52, 188,  
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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