

Converting Colors

RGB(52, 132, 172)

Have a look what the booklet for
RGB(52, 132, 172) contains.

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Color

RGB(52, 132, 172)

Conversions

Conversions Part 1

Format	Color
Hex	3484AC
RGB	52, 132, 172
RGB Percent	20%, 52%, 67%
CMY	0.7961, 0.4824, 0.3255
CMYK	0.70, 0.23, 0.00, 0.33
HSL	200°, 54%, 44%
HSV	200°, 70%, 67%
XYZ	17.1138, 20.2112, 42.0289
YIQ	112.6400, -60.5200, -4.5200

Conversions

Conversions Part 2

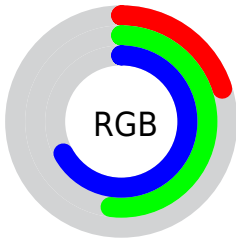
Format	Color
RYB	52, 100, 172
Decimal	3441836
CIELab	52.08, -11.09, -28.25
CIELCh	52, 30.348, 248.573
Yxy	20.2112, 0.2157, 0.2547
Android (android.graphics.Color)	4281631916 (0xFF3484AC)
YUV	112.6400, 29.2645, -53.1813
Hunter-Lab	44.9568, -10.7243, -23.9588

Details

The RGB color **52, 132, 172** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **172, 92, 52**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **113, 185, 228**, and **0, 83, 120** is the 20% darker color. If you saturate the color by 10%, you get **35, 126, 172**, and if you desaturate by 10%, it is **69, 138, 172**.

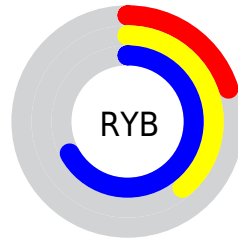
Distribution



Red (20%)

Green (52%)

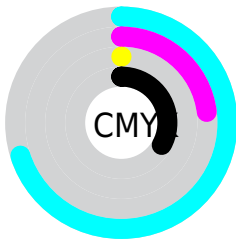
Blue (67%)



Red (20%)

Yellow (39%)

Blue (67%)

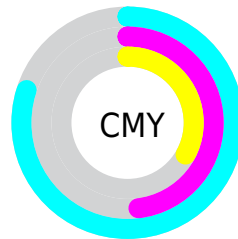


Cyan (70%)

Magenta (23%)

Yellow (0%)

Black (33%)



Cyan (80%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 52, 132, 172 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, 132, 172 by changing the saturation by 10% instead.



52, 132, 172



52, 132, 172

255, 255, 255



3, 107, 145



113, 185, 228



0, 83, 120



141, 213, 255



0, 60, 95



170, 241, 255



0, 38, 71



199, 255, 255



0, 17, 48



229, 255, 255



0, 1, 27



0, 0, 0



52, 132, 172



52, 132, 172



35, 126, 172



69, 138, 172

■ 18, 121, 172

■ 86, 143, 172

■ 0, 115, 172

■ 104, 149, 172

■ 0, 115, 172

■ 121, 155, 172

■ 138, 161, 172

■ 155, 166, 172

■ 172, 172, 172

■ 190, 178, 172

■ 207, 184, 172

Harmonies

Analogous

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



3, 137, 156



52, 132, 172



99, 124, 175

Triad

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



52, 132, 172



174, 104, 118



106, 132, 83

Complementary

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



52, 132, 172



172, 92, 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.



134, 125, 72



52, 132, 172



172, 108, 93

Square

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



52, 132, 172



163, 107, 144



157, 116, 76



73, 137, 104

Rectangle

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



52, 132, 172



125, 118, 170



157, 116, 76



116, 130, 78

Sweetspot

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



52, 132, 172



177, 209, 224



52, 172, 92



84, 103, 112



240, 240, 240



112, 112, 112

Same Dimension

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



52, 132, 172



36, 162, 224



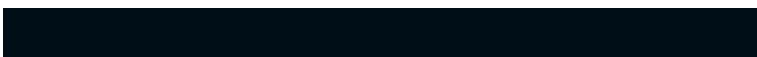
52, 74, 172



78, 84, 87



0, 100, 150



0, 15, 23

Inverse Universe

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



172, 52, 132



224, 36, 162



172, 152, 52



87, 78, 84



150, 0, 100



23, 0, 15

Previews

White Background



This preview shows how the RGB color 52, 132, 172 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 132, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

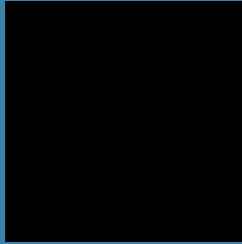
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 52, 132, 172 Background



This preview shows how black text looks on a background with the RGB color 52, 132, 172.

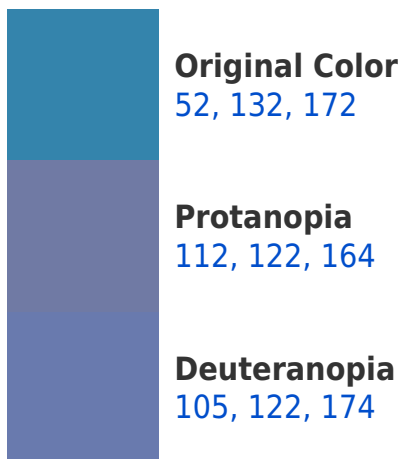


This preview shows how white text looks on a background with the RGB color 52, 132, 172.

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, 136, 148

Trichromacy



Original Color
52, 132, 172

Protanomaly
90, 126, 167

Deuteranomaly
86, 126, 173

Tritanomaly
41, 135, 157

Monochromacy



Original Color
52, 132, 172

Achromatopsia
113, 113, 113

Achromatomaly
91, 120, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 52, 132, 172 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, 132, 172)` looks like.

```
.text, #text, p{  
    color:rgb(52, 132, 172)  
}
```

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, 132, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 132, 172) }
```

Border

The CSS property to change the border of an element to RGB 52, 132, 172 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, 132, 172) }
```

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

```
.border{ border-color:rgb(52, 132, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 132, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 132, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 132, 172);  
box-shadow:4px 4px 4px 4px rgb(52, 132,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 52, 132, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 132, 172) }
```

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

```
.background{ background-color: rgb(52, 132,  
172) }
```

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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