

Converting Colors

RGB(53, 180, 114)

Have a look what the booklet for
RGB(53, 180, 114) contains.

RGB(53, 180, 114)	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(53, 180, 114)

Conversions

Conversions Part 1

Format	Color
Hex	35B472
RGB	53, 180, 114
RGB Percent	21%, 71%, 45%
CMY	0.7922, 0.2941, 0.5529
CMYK	0.71, 0.00, 0.37, 0.29
HSL	149°, 55%, 46%
HSV	149°, 71%, 71%
XYZ	20.8267, 34.6143, 21.5031
YIQ	134.5030, -54.5060, -47.4500

Conversions

Conversions Part 2

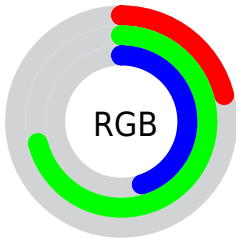
Format	Color
RYB	53, 139, 180
Decimal	3519602
CIELab	65.45, -49.63, 23.96
CIELCh	65, 55.108, 154.232
Yxy	34.6143, 0.2707, 0.4499
Android (android.graphics.Color)	4281709682 (0xFF35B472)
YUV	134.5030, -10.1080, -71.4781
Hunter-Lab	58.8339, -39.7719, 19.5139

Details

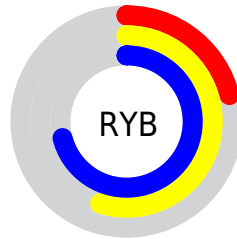
The RGB color **53, 180, 114** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **180, 53, 119**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **116, 237, 166**, and **0, 126, 65** is the 20% darker color. If you saturate the color by 10%, you get **35, 180, 105**, and if you desaturate by 10%, it is **71, 180, 123**.

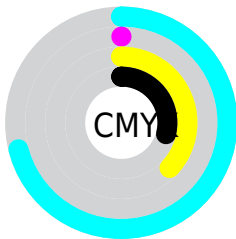
Distribution



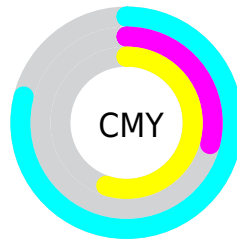
- Red (21%)
- Green (71%)
- Blue (45%)



- Red (21%)
- Yellow (55%)
- Blue (71%)



- Cyan (71%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



- Cyan (79%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the RGB color 53, 180, 114 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 53, 180, 114 by changing the saturation by 10% instead.

 53, 180, 114  53, 180, 114

255, 255, 255  0, 153, 89

 116, 237, 166  0, 126, 65

 145, 255, 194  0, 100, 42

 174, 255, 222  0, 75, 20

 204, 255, 250  0, 51, 0

 234, 255, 255  0, 28, 0

 0, 0, 0

 53, 180, 114  53, 180, 114

 35, 180, 105  71, 180, 123

■ 17, 180, 95

■ 89, 180, 133

■ 0, 180, 86

■ 107, 180, 142

■ 125, 180, 151

■ 143, 180, 161

■ 161, 180, 170

■ 179, 180, 179

■ 197, 180, 189

■ 215, 180, 198

Harmonies

Analogous

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



129, 172, 73



53, 180, 114



0, 183, 165

Triad

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



53, 180, 114



72, 162, 255



245, 123, 106

Complementary

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



53, 180, 114



180, 53, 119

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.



249, 115, 154



53, 180, 114



171, 143, 241

Square

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



53, 180, 114



0, 175, 247



225, 124, 203



220, 141, 69

Rectangle

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



53, 180, 114



0, 183, 198



225, 124, 203



249, 118, 121

Sweetspot

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



53, 180, 114



185, 235, 209



121, 180, 53



88, 117, 102



245, 245, 245



117, 117, 117

Same Dimension

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



53, 180, 114



35, 235, 131



53, 180, 176



80, 89, 85



0, 153, 73



0, 26, 12

Inverse Universe

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



180, 53, 119



235, 35, 139



180, 53, 57



89, 80, 85



153, 0, 80



26, 0, 13

Previews

White Background



This preview shows how the RGB color 53, 180, 114 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 53, 180, 114 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 53, 180, 114 Background



This preview shows how black text looks on a background with the RGB color 53, 180, 114.

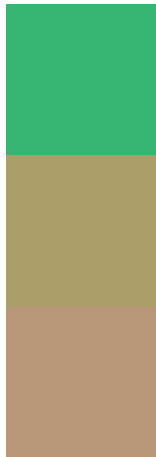


This preview shows how white text looks on a background with the RGB color 53, 180, 114.

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
53, 180, 114

Protanopia
171, 158, 105

Deuteranopia
185, 151, 121



Tritanopia
81, 171, 185

Trichromacy



Original Color

53, 180, 114



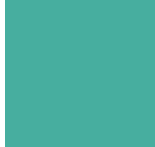
Protanomaly

128, 166, 108



Deuteranomaly

137, 162, 118



Tritanomaly

71, 174, 159

Monochromacy



Original Color

53, 180, 114



Achromatopsia

135, 135, 135



Achromatomaly

105, 151, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 53, 180, 114 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(53, 180, 114)` looks like.

```
.text, #text, p{  
    color:rgb(53, 180, 114)  
}
```

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(53, 180, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 180, 114) }
```

Border

The CSS property to change the border of an element to RGB 53, 180, 114 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(53, 180, 114) }
```

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

```
.border{ border-color:rgb(53, 180, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 180, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 180, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 180, 114);  
box-shadow:4px 4px 4px 4px rgb(53, 180,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 53, 180, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 180, 114) }
```

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

```
.background{ background-color: rgb(53, 180,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor