

Converting Colors

RGB(48, 153, 125)

Have a look what the booklet for
RGB(48, 153, 125) contains.

RGB(48, 153, 125)	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(48, 153, 125)

Conversions

Conversions Part 1

Format	Color
Hex	30997D
RGB	48, 153, 125
RGB Percent	19%, 60%, 49%
CMY	0.8118, 0.4000, 0.5098
CMYK	0.69, 0.00, 0.18, 0.40
HSL	164°, 52%, 39%
HSV	164°, 69%, 60%
XYZ	16.3118, 24.8915, 23.3469
YIQ	118.4130, -53.5920, -30.9680

Conversions

Conversions Part 2

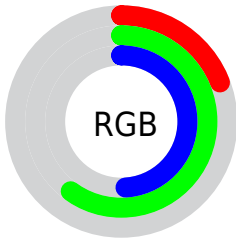
Format	Color
R_{YB}	48, 109, 153
Decimal	3185021
CIE _{Lab}	56.97, -36.66, 6.10
CIE _{LCh}	57, 37.169, 170.550
Yxy	24.8915, 0.2527, 0.3856
Android (android.graphics.Color)	4281375101 (0xFF30997D)
YUV	118.4130, 3.2474, -61.7522
Hunter-Lab	49.8914, -28.9500, 7.1790

Details

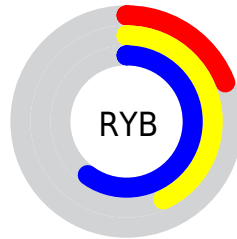
The RGB color **48, 153, 125** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **153, 48, 76**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **108, 208, 178**, and **0, 101, 76** is the 20% darker color. If you saturate the color by 10%, you get **33, 153, 121**, and if you desaturate by 10%, it is **63, 153, 129**.

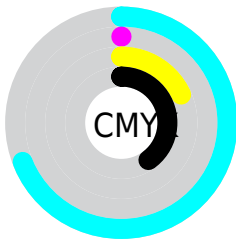
Distribution



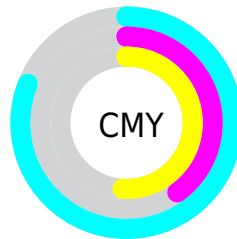
- Red (19%)
- Green (60%)
- Blue (49%)



- Red (19%)
- Yellow (43%)
- Blue (60%)



- Cyan (69%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 153, 125 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 48, 153, 125 by changing the saturation by 10% instead.



48, 153, 125



48, 153, 125

255, 255, 255



0, 127, 100



108, 208, 178



0, 101, 76



136, 237, 205



0, 76, 53



165, 255, 233



0, 53, 32



193, 255, 255



0, 32, 9



223, 255, 255



0, 0, 0



252, 255, 255



48, 153, 125



48, 153, 125



33, 153, 121



63, 153, 129

■ 17, 153, 117

■ 79, 153, 133

■ 2, 153, 113

■ 94, 153, 137

■ 0, 153, 112

■ 109, 153, 141

■ 125, 153, 145

■ 140, 153, 149

■ 155, 153, 154

■ 170, 153, 158

■ 186, 153, 162

Harmonies

Analogous

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



97, 149, 94



48, 153, 125



0, 153, 158

Triad

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



48, 153, 125



124, 132, 197



189, 120, 88

Complementary

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



48, 153, 125



153, 48, 76

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, 112, 116



48, 153, 125



167, 120, 178

Square

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



48, 153, 125



63, 143, 200



192, 112, 148



166, 131, 72

Rectangle

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



48, 153, 125



0, 152, 178



192, 112, 148



194, 116, 96

Sweetspot

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



48, 153, 125



157, 199, 188



76, 153, 48



75, 99, 93



227, 227, 227



99, 99, 99

Same Dimension

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



48, 153, 125



36, 199, 155



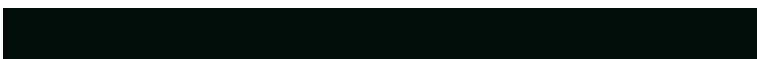
48, 128, 153



69, 77, 74



0, 140, 103



0, 13, 9

Inverse Universe

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



153, 48, 76



199, 36, 79



153, 73, 48



77, 69, 71



140, 0, 37



13, 0, 3

Previews

White Background



This preview shows how the RGB color 48, 153, 125 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 48, 153, 125 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 48, 153, 125 Background



This preview shows how black text looks on a background with the RGB color 48, 153, 125.

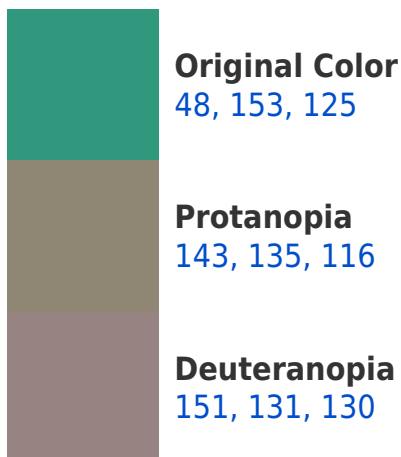


This preview shows how white text looks on a background with the RGB color 48, 153, 125.

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
64, 148, 160

Trichromacy



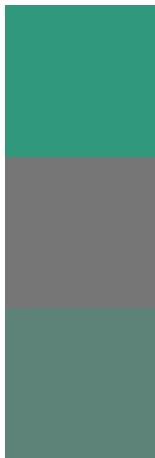
Original Color
48, 153, 125

Protanomaly
108, 142, 119

Deuteranomaly
114, 139, 128

Tritanomaly
58, 150, 147

Monochromacy



Original Color
48, 153, 125

Achromatopsia
118, 118, 118

Achromatomaly
93, 131, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 153, 125 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(48, 153, 125)` looks like.

```
.text, #text, p{  
    color:rgb(48, 153, 125)  
}
```

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(48, 153, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 153, 125) }
```

Border

The CSS property to change the border of an element to RGB 48, 153, 125 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(48, 153, 125) }
```

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

```
.border{ border-color:rgb(48, 153, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 153, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 153, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 153, 125);  
box-shadow:4px 4px 4px 4px rgb(48, 153,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 48, 153, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 153, 125) }
```

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

```
.background{ background-color: rgb(48, 153,  
125) }
```

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