

Converting Colors

RGB(40, 129, 102)

Have a look what the booklet for
RGB(40, 129, 102) contains.

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Color

RGB(40, 129, 102)

Conversions

Conversions Part 1	
Format	Color
Hex	288166
RGB	40, 129, 102
RGB Percent	16%, 51%, 40%
CMY	0.8431, 0.4941, 0.6000
CMYK	0.69, 0.00, 0.21, 0.49
HSL	162°, 53%, 33%
HSV	162°, 69%, 51%
XYZ	11.1236, 17.1109, 15.2868
YIQ	99.3110, -44.3770, -27.2650

Conversions

Conversions Part 2

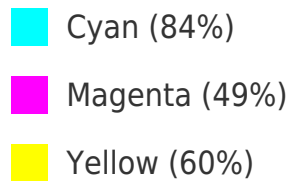
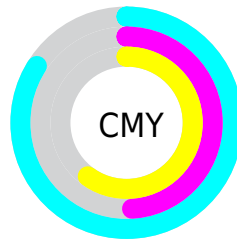
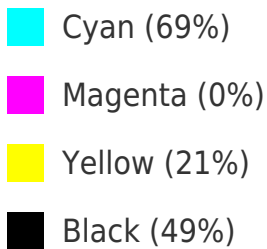
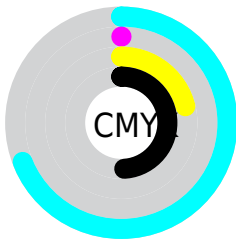
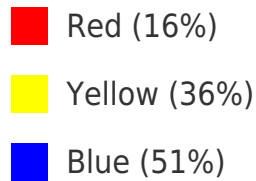
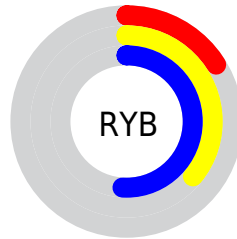
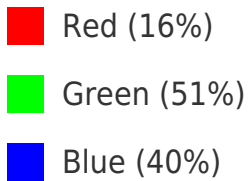
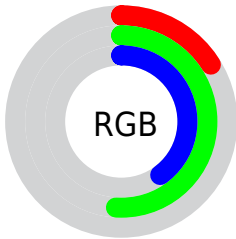
Format	Color
RYB	40, 92, 129
Decimal	2654566
CIELab	48.40, -33.01, 7.09
CIELCh	48, 33.765, 167.886
Yxy	17.1109, 0.2556, 0.3932
Android (android.graphics.Color)	4280844646 (0xFF288166)
YUV	99.3110, 1.3257, -52.0157
Hunter-Lab	41.3654, -24.3888, 7.0448

Details

The RGB color **40, 129, 102** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **129, 40, 67**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **97, 183, 153**, and **0, 79, 55** is the 20% darker color. If you saturate the color by 10%, you get **27, 129, 98**, and if you desaturate by 10%, it is **53, 129, 106**.















Distribution







Brightness & Saturation Gradients


These gradients show how the RGB color 40, 129, 102 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 40, 129, 102 by changing the saturation by 10% instead.


 40, 129, 102	 40, 129, 102
 255, 255, 255	 0, 103, 78
 97, 183, 153	 0, 79, 55
 125, 210, 180	 0, 55, 34
 152, 239, 207	 0, 35, 12
 180, 255, 235	 0, 0, 0
 209, 255, 255	
 238, 255, 255	


 40, 129, 102	 40, 129, 102
 27, 129, 98	 53, 129, 106


 14, 129, 94

 66, 129, 110

 1, 129, 90


 79, 129, 114

 0, 129, 90


 92, 129, 118

 105, 129, 122

 117, 129, 125

 130, 129, 129

 143, 129, 133

 156, 129, 137

Harmonies

Analogous

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



83, 125, 75



40, 129, 102



0, 130, 131

Triad

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



40, 129, 102



100, 112, 169



162, 99, 74

Complementary

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



40, 129, 102



129, 40, 67

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.



170, 92, 99



40, 129, 102



139, 101, 153

Square

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



40, 129, 102



41, 121, 170



162, 93, 128



143, 109, 59

Rectangle

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



40, 129, 102



0, 128, 149



162, 93, 128



166, 96, 81

Sweetspot

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



40, 129, 102



133, 168, 158



68, 129, 40



63, 84, 78



212, 212, 212



84, 84, 84

Same Dimension

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



40, 129, 102



29, 168, 126



40, 113, 129



57, 64, 62



0, 128, 89



0, 0, 0

Inverse Universe

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



129, 40, 67



168, 29, 71



129, 56, 40



64, 57, 59



128, 0, 39



0, 0, 0

Previews

White Background



This preview shows how the RGB color 40, 129, 102 looks on a white 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

Black Background



This preview shows how the RGB color 40, 129, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

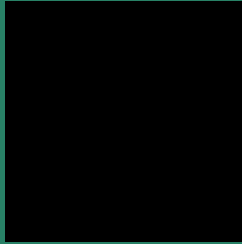
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 40, 129, 102 Background



This preview shows how black text looks on a background with the RGB color 40, 129, 102.



This preview shows how white text looks on a background with the RGB color 40, 129, 102.

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

40, 129, 102

Protanopia

121, 114, 95

Deuteranopia


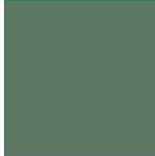


128, 110, 106






Tritanopia

54, 125, 135

Trichromacy

	Original Color 40, 129, 102
	Protanomaly 92, 119, 98
	Deuteranomaly 96, 117, 105
	Tritanomaly 49, 126, 123

Monochromacy

	Original Color 40, 129, 102
	Achromatopsia 99, 99, 99
	Achromatomaly 78, 110, 100

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 129, 102 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(40, 129, 102)` looks like.

```
.text, #text, p{  
    color:rgb(40, 129, 102)  
}
```

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(40, 129, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 129, 102) }
```

Border

The CSS property to change the border of an element to RGB 40, 129, 102 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(40, 129, 102) }
```

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

```
.border{ border-color:rgb(40, 129, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 129, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 129, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 129, 102);  
box-shadow:4px 4px 4px 4px rgb(40, 129,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 40, 129, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 129, 102) }
```

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

```
.background{ background-color: rgb(40, 129,  
102) }
```

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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