

Converting Colors

RGB(116, 153, 119)

Have a look what the booklet for
RGB(116, 153, 119) contains.

RGB(116, 153, 119)	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(116, 153, 119)

Conversions

Conversions Part 1

Format	Color
Hex	749977
RGB	116, 153, 119
RGB Percent	45%, 60%, 47%
CMY	0.5451, 0.4000, 0.5333
CMYK	0.24, 0.00, 0.22, 0.40
HSL	125°, 15%, 53%
HSV	125°, 24%, 60%
XYZ	21.9235, 27.8274, 21.6685
YIQ	138.0610, -11.1380, -18.4180

Conversions

Conversions Part 2

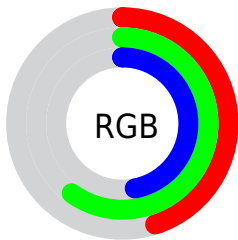
Format	Color
RYB	116, 150, 153
Decimal	7641463
CIELab	59.73, -19.79, 13.81
CIElCh	60, 24.134, 145.105
Yxy	27.8274, 0.3070, 0.3896
Android (android.graphics.Color)	4285831543 (0xFF749977)
YUV	138.0610, -9.3971, -19.3475
Hunter-Lab	52.7517, -18.1312, 12.5720

Details

The RGB color **116, 153, 119** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **153, 116, 150**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **169, 207, 171**, and **67, 102, 70** is the 20% darker color. If you saturate the color by 10%, you get **101, 153, 105**, and if you desaturate by 10%, it is **131, 153, 133**.

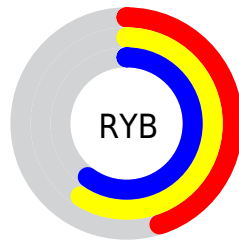
Distribution



Red (45%)

Green (60%)

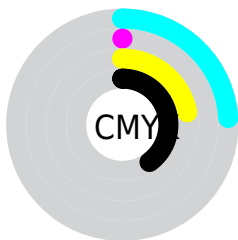
Blue (47%)



Red (45%)

Yellow (59%)

Blue (60%)

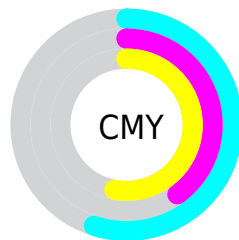


Cyan (24%)

Magenta (0%)

Yellow (22%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 153, 119 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 116, 153, 119 by changing the saturation by 10% instead.

■ 116, 153, 119

255, 255, 255

■ 169, 207, 171

■ 196, 236, 199

■ 224, 255, 227

253, 255, 255

■ 116, 153, 119

■ 101, 153, 105

■ 85, 153, 91

■ 116, 153, 119

■ 91, 127, 94

■ 67, 102, 70

■ 43, 78, 48

■ 20, 55, 27

■ 0, 33, 1

■ 0, 0, 0

■ 116, 153, 119

■ 131, 153, 133

■ 147, 153, 147

■ 70, 153, 77

■ 162, 153, 161

■ 55, 153, 63

■ 177, 153, 175

■ 39, 153, 49

■ 193, 153, 189

■ 24, 153, 35

■ 208, 153, 203

■ 9, 153, 21

■ 223, 153, 217

■ 0, 153, 12

■ 238, 153, 231

■ 254, 153, 246

Harmonies

Analogous

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



140, 148, 105



116, 153, 119



93, 156, 140

Triad

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



116, 153, 119



112, 147, 186



187, 129, 127

Complementary

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



116, 153, 119



153, 116, 150

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.



183, 129, 148



116, 153, 119



142, 140, 182

Square

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



116, 153, 119



87, 152, 178



168, 133, 168



179, 134, 110

Rectangle

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



116, 153, 119



82, 156, 154



168, 133, 168



187, 128, 134

Sweetspot

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



116, 153, 119



185, 199, 186



151, 153, 116



91, 99, 92



227, 227, 227



99, 99, 99

Same Dimension

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



116, 153, 119



141, 199, 146



116, 153, 137



69, 77, 69



0, 140, 11



0, 13, 1

Inverse Universe

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



153, 116, 150



199, 141, 194



153, 116, 132



77, 69, 76



140, 0, 129



13, 0, 12

Previews

White Background



This preview shows how the RGB color 116, 153, 119 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 116, 153, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

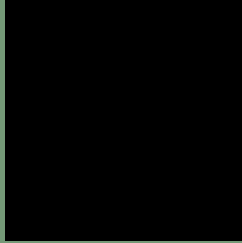
Any Text WCAG AA ✓ Pass

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 116, 153, 119 Background



This preview shows how black text looks on a background with the RGB color 116, 153, 119.



This preview shows how white text looks on a background with the RGB color 116, 153, 119.

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
123, 148, 159

Trichromacy



Original Color
116, 153, 119

Protanomaly
139, 147, 116

Deuteranomaly
147, 143, 121

Tritanomaly
120, 150, 144

Monochromacy



Original Color
116, 153, 119

Achromatopsia
138, 138, 138

Achromatomaly
130, 143, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 153, 119 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(116, 153, 119)` looks like.

```
.text, #text, p{  
    color:rgb(116, 153, 119)  
}
```

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(116, 153, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 153, 119) }
```

Border

The CSS property to change the border of an element to RGB 116, 153, 119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

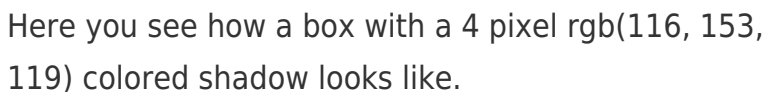
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 153, 119) }
```

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

```
.border{ border-color:rgb(116, 153, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 153, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 153, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 153, 119); box-shadow:4px 4px 4px 4px rgb(116, 153, 119) }
```

Background

The CSS property to change the background color of an element to RGB 116, 153, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 153, 119) }
```

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

```
.background{ background-color: rgb(116,  
153, 119) }
```

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