

Converting Colors

RGB(69, 145, 116)

Have a look what the booklet for
RGB(69, 145, 116) contains.

RGB(69, 145, 116)	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(69, 145, 116)

Conversions

Conversions Part 1

Format	Color
Hex	459174
RGB	69, 145, 116
RGB Percent	27%, 57%, 45%
CMY	0.7294, 0.4314, 0.5451
CMYK	0.52, 0.00, 0.20, 0.43
HSL	157°, 36%, 42%
HSV	157°, 52%, 57%
XYZ	15.7320, 22.7770, 20.0902
YIQ	118.9700, -35.9870, -25.1310

Conversions

Conversions Part 2

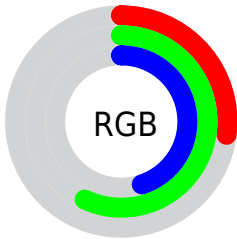
Format	Color
R _{YB}	69, 116, 145
Decimal	4559220
CIE Lab	54.84, -30.83, 8.28
CIE LCh	55, 31.919, 164.963
Yxy	22.7770, 0.2685, 0.3887
Android (android.graphics.Color)	4282749300 (0xFF459174)
YUV	118.9700, -1.4642, -43.8237
Hunter-Lab	47.7252, -24.6788, 8.4492

Details

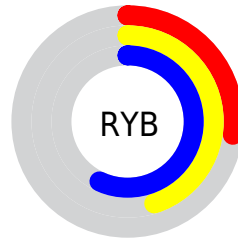
The RGB color **69, 145, 116** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **145, 69, 98**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **123, 199, 168**, and **4, 94, 68** is the 20% darker color. If you saturate the color by 10%, you get **55, 145, 110**, and if you desaturate by 10%, it is **83, 145, 122**.

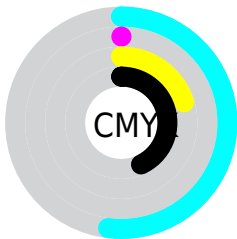
Distribution



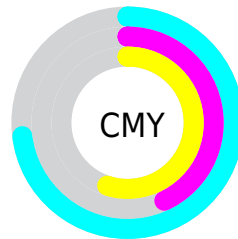
- Red (27%)
- Green (57%)
- Blue (45%)



- Red (27%)
- Yellow (45%)
- Blue (57%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (43%)



- Cyan (73%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 69, 145, 116 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 69, 145, 116 by changing the saturation by 10% instead.



69, 145, 116



69, 145, 116

255, 255, 255



41, 119, 91



123, 199, 168



4, 94, 68



150, 228, 195



0, 70, 46



178, 255, 223



0, 47, 25



206, 255, 252



0, 26, 0



235, 255, 255



0, 0, 0



69, 145, 116



69, 145, 116



55, 145, 110



83, 145, 122



40, 145, 105



98, 145, 127

■ 25, 145, 99

■ 113, 145, 133

■ 11, 145, 94

■ 127, 145, 138

■ 0, 145, 90

■ 141, 145, 144

■ 156, 145, 149

■ 171, 145, 155

■ 185, 145, 160

■ 200, 145, 166

Harmonies

Analogous

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



105, 141, 91



69, 145, 116



24, 146, 145

Triad

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



69, 145, 116



114, 129, 184



179, 115, 93

Complementary

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



69, 145, 116



145, 69, 98

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.



185, 110, 118



69, 145, 116



152, 119, 170

Square

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



69, 145, 116



65, 138, 184



176, 111, 146



161, 125, 78

Rectangle

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



69, 145, 116



0, 145, 162



176, 111, 146



183, 113, 101

Sweetspot

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



69, 145, 116



159, 189, 177



98, 145, 69



76, 94, 88



222, 222, 222



94, 94, 94

Same Dimension

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



69, 145, 116



70, 189, 143



69, 136, 145



64, 71, 69



0, 135, 84



0, 8, 5

Inverse Universe

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



145, 69, 98



189, 70, 115



145, 78, 69



71, 64, 67



135, 0, 52



8, 0, 3

Previews

White Background



This preview shows how the RGB color 69, 145, 116 looks on a white background.

Color Contrast Check

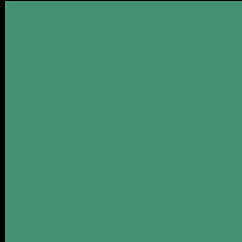
Large Text (above 18pt) WCAG AA ✓ Pass

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 69, 145, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

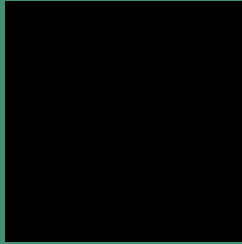
Any Text WCAG AA ✓ Pass

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 69, 145, 116 Background



This preview shows how black text looks on a background with the RGB color 69, 145, 116.

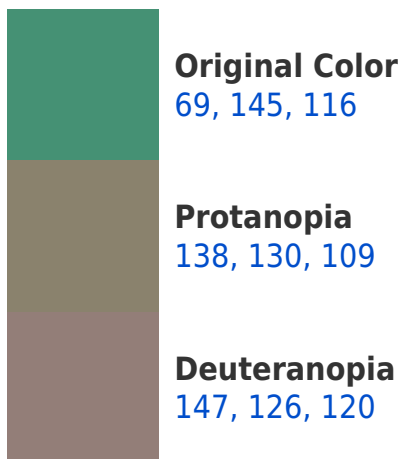


This preview shows how white text looks on a background with the RGB color 69, 145, 116.

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
80, 140, 151

Trichromacy



Original Color

69, 145, 116



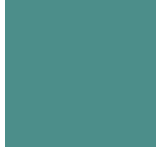
Protanomaly

113, 135, 112



Deuteranomaly

119, 133, 119



Tritanomaly

76, 142, 138

Monochromacy



Original Color

69, 145, 116



Achromatopsia

119, 119, 119



Achromatomaly

101, 128, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 145, 116 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(69, 145, 116)` looks like.

```
.text, #text, p{  
    color:rgb(69, 145, 116)  
}
```

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(69, 145, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 145, 116) }
```

Border

The CSS property to change the border of an element to RGB 69, 145, 116 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(69, 145, 116) }
```

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

```
.border{ border-color:rgb(69, 145, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 145, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 145, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 145, 116);  
box-shadow:4px 4px 4px 4px rgb(69, 145,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 69, 145, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 145, 116) }
```

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

```
.background{ background-color: rgb(69, 145,  
116) }
```

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