

Converting Colors

RGB(69, 161, 134)

Have a look what the booklet for
RGB(69, 161, 134) contains.

RGB(69, 161, 134)	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, 161, 134)

Conversions

Conversions Part 1	
Format	Color
Hex	45A186
RGB	69, 161, 134
RGB Percent	27%, 63%, 53%
CMY	0.7294, 0.3686, 0.4745
CMYK	0.57, 0.00, 0.17, 0.37
HSL	162°, 40%, 45%
HSV	162°, 57%, 63%
XYZ	19.5022, 28.4762, 27.0228
YIQ	130.4140, -46.1650, -27.9010

Conversions

Conversions Part 2

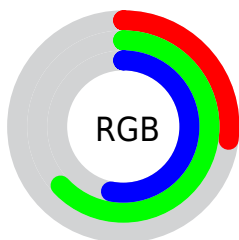
Format	Color
RYB	69, 123, 161
Decimal	4563334
CIELab	60.32, -34.04, 5.89
CIELCh	60, 34.550, 170.177
Yxy	28.4762, 0.2600, 0.3797
Android (android.graphics.Color)	4282753414 (0xFF45A186)
YUV	130.4140, 1.7679, -53.8601
Hunter-Lab	53.3631, -28.1504, 7.3299

Details

The RGB color **69, 161, 134** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **161, 69, 96**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **125, 216, 187**, and **0, 109, 84** is the 20% darker color. If you saturate the color by 10%, you get **53, 161, 129**, and if you desaturate by 10%, it is **85, 161, 139**.

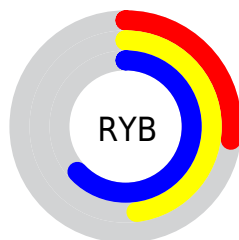
Distribution



Red (27%)

Green (63%)

Blue (53%)



Red (27%)

Yellow (48%)

Blue (63%)

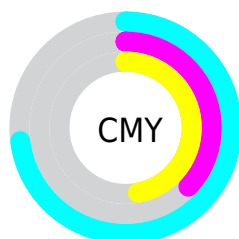


Cyan (57%)

Magenta (0%)

Yellow (17%)

Black (37%)



Cyan (73%)
















Magenta (37%)





Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the RGB color 69, 161, 134 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, 161, 134 by changing the saturation by 10% instead.

 69, 161, 134	 69, 161, 134
 255, 255, 255	 38, 134, 109
 125, 216, 187	 0, 109, 84
 153, 245, 215	 0, 84, 61
 181, 255, 243	 0, 60, 40
 210, 255, 255	 0, 38, 19
 240, 255, 255	 0, 2, 0
	 0, 0, 0

 69, 161, 134	 69, 161, 134
 53, 161, 129	 85, 161, 139

 37, 161, 125

 101, 161, 143


 21, 161, 120


 117, 161, 148


 5, 161, 115

 133, 161, 153


 0, 161, 114

 150, 161, 158

 166, 161, 162

 182, 161, 167

 198, 161, 172

 214, 161, 177

Harmonies

Analogous

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



110, 157, 105



69, 161, 134



13, 161, 165

Triad

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



69, 161, 134



134, 141, 202



196, 130, 100

Complementary

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



69, 161, 134



161, 69, 96

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.



205, 122, 126



69, 161, 134



174, 130, 185

Square

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



69, 161, 134



82, 151, 205



198, 123, 157



174, 140, 85

Rectangle

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



69, 161, 134



0, 160, 184



198, 123, 157



200, 127, 108

Sweetspot

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



69, 161, 134



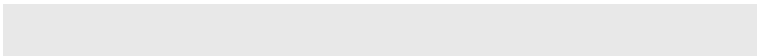
174, 209, 199



97, 161, 69



84, 105, 98



232, 232, 232



105, 105, 105

Same Dimension

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



69, 161, 134



65, 209, 167



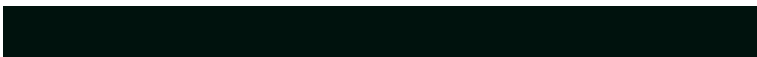
69, 143, 161



73, 82, 79



0, 145, 103



0, 18, 13

Inverse Universe

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



161, 69, 96



209, 65, 107



161, 87, 69



82, 73, 76



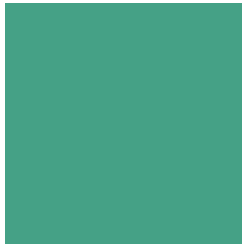
145, 0, 43



18, 0, 5

Previews

White Background



This preview shows how the RGB color 69, 161, 134 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, 161, 134 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, 161, 134 Background



This preview shows how black text looks on a background with the RGB color 69, 161, 134.

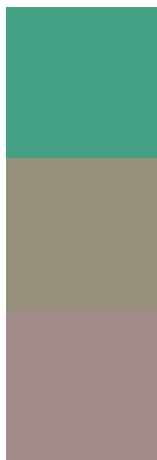


This preview shows how white text looks on a background with the RGB color 69, 161, 134.

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

69, 161, 134

Protanopia

151, 144, 125

Deuteranopia

161, 140, 139




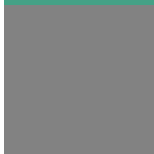

Tritanopia

81, 156, 169

Trichromacy

	Original Color 69, 161, 134
	Protanomaly 121, 150, 128
	Deuteranomaly 128, 148, 137
	Tritanomaly 77, 158, 156

Monochromacy

	Original Color 69, 161, 134
	Achromatopsia 130, 130, 130
	Achromatomaly 108, 141, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 161, 134 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, 161, 134) looks like.

```
.text, #text, p{  
    color:rgb(69, 161, 134)  
}
```

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, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 161, 134) }
```

Border

The CSS property to change the border of an element to RGB 69, 161, 134 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, 161, 134) }
```

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

```
.border{ border-color:rgb(69, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(69, 161,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 69, 161, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(69, 161, 134) }
```

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

```
.background{ background-color:rgb(69, 161,  
134) }
```

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