

Converting Colors

RGB(109, 170, 135)

Have a look what the booklet for
RGB(109, 170, 135) contains.

RGB(109, 170, 135)	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(109, 170, 135)

Conversions

Conversions Part 1

Format	Color
Hex	6DAA87
RGB	109, 170, 135
RGB Percent	43%, 67%, 53%
CMY	0.5725, 0.3333, 0.4706
CMYK	0.36, 0.00, 0.21, 0.33
HSL	146°, 26%, 55%
HSV	146°, 36%, 67%
XYZ	25.0546, 33.7499, 28.1155
YIQ	147.7710, -25.1210, -23.8170

Conversions

Conversions Part 2

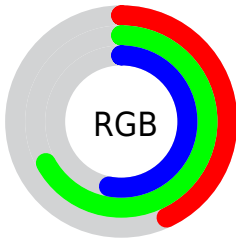
Format	Color
RYB	109, 152, 170
Decimal	7187079
CIELab	64.76, -27.53, 11.89
CIELCh	65, 29.985, 156.639
Yxy	33.7499, 0.2882, 0.3883
Android (android.graphics.Color)	4285377159 (0xFF6DAA87)
YUV	147.7710, -6.2961, -34.0022
Hunter-Lab	58.0947, -24.6838, 11.9723

Details

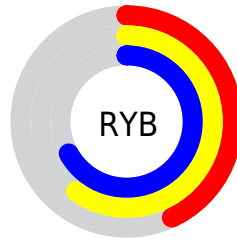
The RGB color **109, 170, 135** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 109, 144**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **162, 226, 188**, and **58, 117, 85** is the 20% darker color. If you saturate the color by 10%, you get **92, 170, 125**, and if you desaturate by 10%, it is **126, 170, 145**.

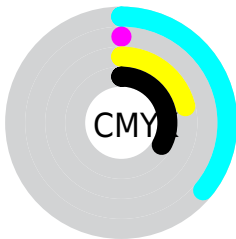
Distribution



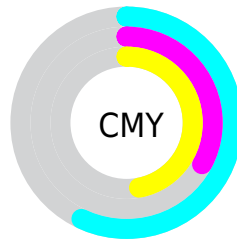
- Red (43%)
- Green (67%)
- Blue (53%)



- Red (43%)
- Yellow (60%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (57%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 170, 135 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 109, 170, 135 by changing the saturation by 10% instead.

 109, 170, 135

255, 255, 255


 162, 226, 188

 190, 254, 216

 218, 255, 245

 247, 255, 255

 109, 170, 135

 83, 143, 110

 58, 117, 85

 32, 92, 62


 0, 68, 40

 0, 46, 19


 0, 25, 0


 0, 0, 0

 109, 170, 135


 92, 170, 125


 109, 170, 135


 126, 170, 145

 75, 170, 115


 143, 170, 155

 58, 170, 106


 160, 170, 164


 41, 170, 96


 177, 170, 174

 24, 170, 86

 194, 170, 184

 7, 170, 76

 211, 170, 194

 0, 170, 72

 228, 170, 203

 245, 170, 213

 255, 170, 223

Harmonies

Analogous

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



141, 165, 113



109, 170, 135



79, 172, 162

Triad

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



109, 170, 135



130, 158, 210



208, 140, 126

Complementary

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



109, 170, 135



170, 109, 144

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.



210, 137, 152



109, 170, 135



168, 148, 200

Square

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



109, 170, 135



90, 166, 206



196, 140, 179



193, 148, 109

Rectangle

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



109, 170, 135



68, 171, 180



196, 140, 179



210, 138, 134

Sweetspot

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



109, 170, 135



197, 222, 208



145, 170, 109



98, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



109, 170, 135



126, 222, 167



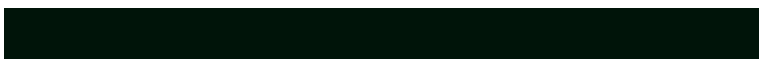
109, 170, 165



76, 84, 79



0, 148, 63



0, 20, 9

Inverse Universe

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



170, 109, 144



222, 126, 181



170, 109, 114



84, 76, 81



148, 0, 85



20, 0, 12

Previews

White Background



This preview shows how the RGB color 109, 170, 135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 109, 170, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

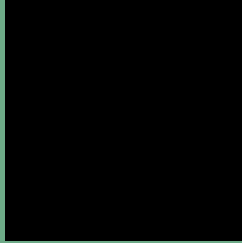
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 109, 170, 135 Background



This preview shows how black text looks on a background with the RGB color 109, 170, 135.

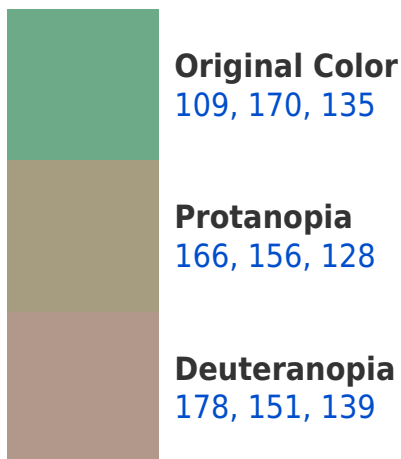


This preview shows how white text looks on a background with the RGB color 109, 170, 135.

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
118, 164, 177

Trichromacy



Original Color

109, 170, 135

Protanomaly

145, 161, 131

Deuteranomaly

153, 158, 138

Tritanomaly

115, 166, 162

Monochromacy



Original Color

109, 170, 135

Achromatopsia

148, 148, 148

Achromatomaly

134, 156, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 170, 135 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(109, 170, 135)` looks like.

```
.text, #text, p{  
    color:rgb(109, 170, 135)  
}
```

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(109, 170, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 170, 135) }
```

Border

The CSS property to change the border of an element to RGB 109, 170, 135 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(109, 170, 135) }
```

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

```
.border{ border-color:rgb(109, 170, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 170, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 170, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 170, 135);  
box-shadow:4px 4px 4px 4px rgb(109, 170,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 109, 170, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 170, 135) }
```

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

```
.background{ background-color: rgb(109,  
170, 135) }
```

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