

# Converting Colors

RGB(129, 169, 104)

Have a look what the booklet for  
RGB(129, 169, 104) contains.

<b>RGB(129, 169, 104)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(129, 169, 104)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81A968
RGB	129, 169, 104
RGB Percent	51%, 66%, 41%
CMY	0.4941, 0.3373, 0.5922
CMYK	0.24, 0.00, 0.38, 0.34
HSL	97°, 27%, 54%
HSV	97°, 38%, 66%
XYZ	25.7399, 34.0425, 18.3109
YIQ	149.6300, -2.9750, -28.6950

# Conversions

## Conversions Part 2

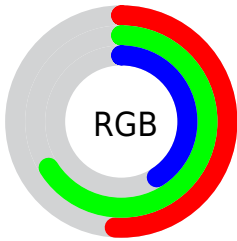
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 169, 144
Decimal	8497512
CIELab	65.00, -25.63, 29.25
CIELCh	65, 38.896, 131.225
Yxy	34.0425, 0.3296, 0.4359
Android (android.graphics.Color)	4286687592 (0xFF81A968)
YUV	149.6300, -22.4956, -18.0925
Hunter-Lab	58.3460, -23.3584, 22.2350

# Details

The RGB color **129, 169, 104** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144, 104, 169**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **183, 224, 156**, and **78, 117, 56** is the 20% darker color. If you saturate the color by 10%, you get **119, 169, 87**, and if you desaturate by 10%, it is **139, 169, 121**.

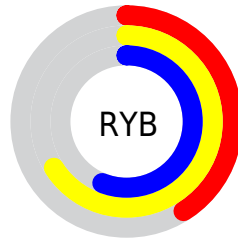
# Distribution



Red (51%)

Green (66%)

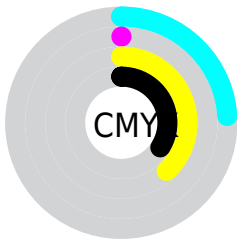
Blue (41%)



Red (41%)

Yellow (66%)

Blue (56%)

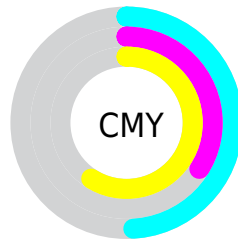


Cyan (24%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 129, 169, 104 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 129, 169, 104 by changing the saturation by 10% instead.



 129, 169, 104

255, 255, 255

 183, 224, 156

 211, 253, 183


 240, 255, 211

 255, 255, 239

 129, 169, 104

 119, 169, 87

 129, 169, 104

 103, 142, 79

 78, 117, 56

 53, 92, 32

 29, 68, 9


 6, 45, 0


 0, 26, 0

 0, 0, 0


 129, 169, 104

 139, 169, 121


 108, 169, 70


 150, 169, 138


 98, 169, 53

 160, 169, 155


 87, 169, 36


 171, 169, 172


 77, 169, 20


 181, 169, 188


 67, 169, 3

 191, 169, 205

 65, 169, 0

 202, 169, 222

 212, 169, 239

 223, 169, 255

# Harmonies

## Analogous

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



167, 160, 88



129, 169, 104



84, 174, 134

# Triad

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



129, 169, 104



59, 167, 223



225, 130, 146

# Complementary

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



129, 169, 104



144, 104, 169

# 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.



211, 133, 181



129, 169, 104



127, 157, 226

# Square

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



129, 169, 104



0, 174, 203



178, 144, 210



219, 136, 114

# Rectangle

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



129, 169, 104



43, 176, 158



178, 144, 210



223, 130, 158



# Sweetspot

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



129, 169, 104



203, 219, 193



169, 143, 104



100, 110, 94



237, 237, 237



110, 110, 110



# Same Dimension

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



129, 169, 104



157, 219, 118



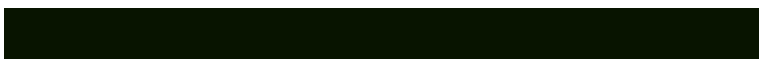
104, 169, 110



79, 84, 76



57, 148, 0



8, 20, 0



# Inverse Universe

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



144, 104, 169



181, 118, 219



169, 104, 163



81, 76, 84



91, 0, 148



13, 0, 20



# Previews

## White Background



This preview shows how the RGB color 129, 169, 104 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 129, 169, 104 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 129, 169, 104 Background



This preview shows how black text looks on a background with the RGB color 129, 169, 104.

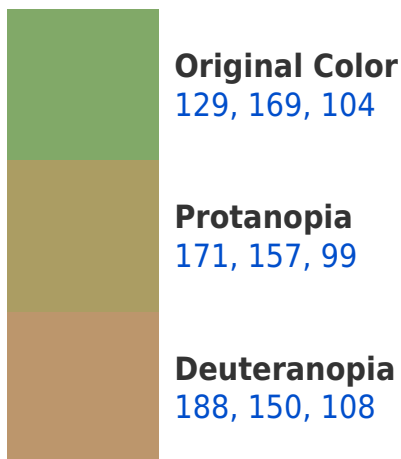


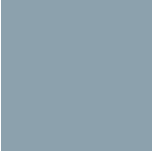
This preview shows how white text looks on a background with the RGB color 129, 169, 104.

# 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**  
140, 161, 173

# Trichromacy



**Original Color**  
129, 169, 104

**Protanomaly**  
156, 161, 101

**Deuteranomaly**  
167, 157, 107

**Tritanomaly**  
136, 164, 148

# Monochromacy



**Original Color**  
129, 169, 104

**Achromatopsia**  
150, 150, 150

**Achromatomaly**  
142, 157, 133

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 129, 169, 104 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(129, 169, 104)` looks like.

```
.text, #text, p{  
    color:rgb(129, 169, 104)  
}
```

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(129, 169, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 169, 104) }
```

## Border

The CSS property to change the border of an element to RGB 129, 169, 104 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(129, 169, 104) }
```

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

```
.border{ border-color:rgb(129, 169, 104) }
```

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

Here you see how a box with a 4 pixel rgb(129, 169, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 169, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 169, 104);  
box-shadow:4px 4px 4px 4px rgb(129, 169,  
104) }
```

# Background

The CSS property to change the background color of an element to RGB 129, 169, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 169, 104) }
```

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

```
.background{ background-color: rgb(129,  
169, 104) }
```

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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