

# Converting Colors

RGB(132, 175, 110)

Have a look what the booklet for  
RGB(132, 175, 110) contains.

<b>RGB(132, 175, 110)</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(132, 175, 110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AF6E
RGB	132, 175, 110
RGB Percent	52%, 69%, 43%
CMY	0.4824, 0.3137, 0.5686
CMYK	0.25, 0.00, 0.37, 0.31
HSL	100°, 29%, 56%
HSV	100°, 37%, 69%
XYZ	27.6602, 36.6913, 20.3761
YIQ	154.7330, -4.7630, -29.3310

# Conversions

## Conversions Part 2

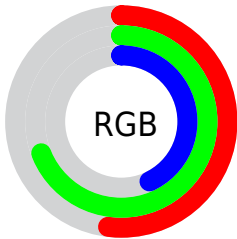
Format	Color
<a href="#">RYB</a>	<a href="#">110, 175, 153</a>
Decimal	<a href="#">8695662</a>
CIELab	<a href="#">67.04, -26.61, 28.78</a>
CIELCh	<a href="#">67, 39.199, 132.754</a>
Yxy	<a href="#">36.6913, 0.3265, 0.4330</a>
Android (android.graphics.Color)	<a href="#">4286885742 (0xFF84AF6E)</a>
YUV	<a href="#">154.7330, -22.0534, -19.9368</a>
Hunter-Lab	<a href="#">60.5733, -24.4932, 22.4569</a>

# Details

The RGB color **132, 175, 110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **153, 110, 175**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **186, 231, 162**, and **81, 122, 61** is the 20% darker color. If you saturate the color by 10%, you get **120, 175, 93**, and if you desaturate by 10%, it is **144, 175, 128**.

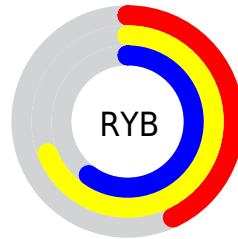
# Distribution



Red (52%)

Green (69%)

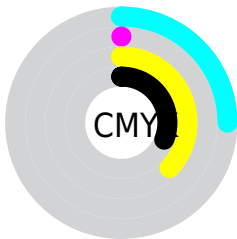
Blue (43%)



Red (43%)

Yellow (69%)

Blue (60%)

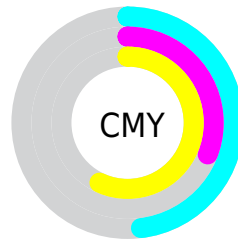


Cyan (25%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (48%)

Magenta (31%)


Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 132, 175, 110 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 132, 175, 110 by changing the saturation by 10% instead.



 132, 175, 110


255, 255, 255


 186, 231, 162


 214, 255, 190

 243, 255, 218


 255, 255, 246

 132, 175, 110


 120, 175, 93

 132, 175, 110

 106, 148, 85

 81, 122, 61


 56, 97, 38


 31, 73, 15

 8, 50, 0

 0, 31, 0


 0, 0, 0

 132, 175, 110


 144, 175, 128

 109, 175, 75


 155, 175, 145


 97, 175, 58


 167, 175, 163


 86, 175, 40

 178, 175, 180

 74, 175, 22

 190, 175, 198

 63, 175, 5

 201, 175, 215

 59, 175, 0

 213, 175, 233

 225, 175, 250

 236, 175, 255

# Harmonies

## Analogous

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



171, 166, 93



132, 175, 110



86, 180, 141

# Triad

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



132, 175, 110



69, 173, 230



232, 135, 149

# Complementary

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



132, 175, 110



153, 110, 175

# 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.



219, 138, 185



132, 175, 110



136, 162, 232

# Square

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



132, 175, 110



0, 179, 210



186, 148, 215



225, 142, 117

# Rectangle

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



132, 175, 110



46, 182, 165



186, 148, 215



230, 135, 161



# Sweetspot

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



132, 175, 110



210, 227, 202



175, 152, 110



105, 115, 100



242, 242, 242



115, 115, 115



# Same Dimension

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



132, 175, 110



159, 227, 125



110, 175, 120



81, 87, 78



51, 150, 0



8, 23, 0



# Inverse Universe

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



153, 110, 175



192, 125, 227



175, 110, 165



84, 78, 87



100, 0, 150



15, 0, 23



# Previews

## White Background



This preview shows how the RGB color 132, 175, 110 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 132, 175, 110 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 132, 175, 110 Background



This preview shows how black text looks on a background with the RGB color 132, 175, 110.



This preview shows how white text looks on a background with the RGB color 132, 175, 110.

# 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](#).

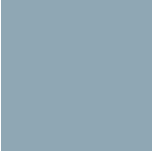
## Dichromacy



**Original Color**  
132, 175, 110

**Protanopia**  
177, 163, 105

**Deuteranopia**  
194, 156, 114



**Tritanopia**  
143, 167, 180

# Trichromacy



**Original Color**  
132, 175, 110

**Protanomaly**  
161, 167, 107

**Deuteranomaly**  
171, 163, 113

**Tritanomaly**  
139, 170, 155

# Monochromacy



**Original Color**  
132, 175, 110

**Achromatopsia**  
155, 155, 155

**Achromatomaly**  
147, 162, 139

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 132, 175, 110 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(132, 175, 110)` looks like.

```
.text, #text, p{  
    color:rgb(132, 175, 110)  
}
```

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(132, 175, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 175, 110) }
```

## Border

The CSS property to change the border of an element to RGB 132, 175, 110 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(132, 175, 110) }
```

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

```
.border{ border-color:rgb(132, 175, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 175, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 175, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 175, 110);  
box-shadow:4px 4px 4px 4px rgb(132, 175,  
110) }
```

# Background

The CSS property to change the background color of an element to RGB 132, 175, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 175, 110) }
```

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

```
.background{ background-color: rgb(132,  
175, 110) }
```

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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