

Converting Colors

RGB(136, 175, 107)

Have a look what the booklet for
RGB(136, 175, 107) contains.

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Color

RGB(136, 175, 107)

Conversions

Conversions Part 1

Format	Color
Hex	88AF6B
RGB	136, 175, 107
RGB Percent	53%, 69%, 42%
CMY	0.4667, 0.3137, 0.5804
CMYK	0.22, 0.00, 0.39, 0.31
HSL	94°, 30%, 55%
HSV	94°, 39%, 69%
XYZ	28.1372, 36.9557, 19.5601
YIQ	155.5870, -1.4160, -29.4160

Conversions

Conversions Part 2

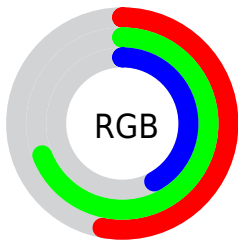
Format	Color
RYB	107, 175, 146
Decimal	8957803
CIELab	67.24, -25.57, 30.67
CIELCh	67, 39.937, 129.820
Yxy	36.9557, 0.3324, 0.4366
Android (android.graphics.Color)	4287147883 (0xFF88AF6B)
YUV	155.5870, -23.9534, -17.1778
Hunter-Lab	60.7912, -23.7661, 23.4768

Details

The RGB color **136, 175, 107** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **146, 107, 175**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **190, 231, 159**, and **84, 122, 58** is the 20% darker color. If you saturate the color by 10%, you get **126, 175, 90**, and if you desaturate by 10%, it is **146, 175, 125**.

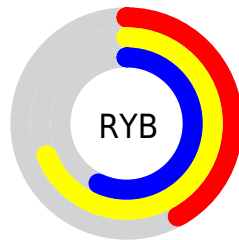
Distribution



Red (53%)

Green (69%)

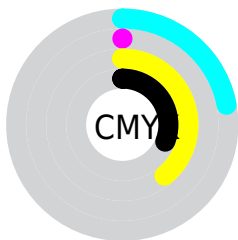
Blue (42%)



Red (42%)

Yellow (69%)

Blue (57%)

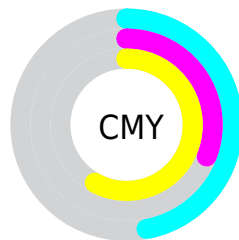


Cyan (22%)

Magenta (0%)

Yellow (39%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 175, 107 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 136, 175, 107 by changing the saturation by 10% instead.

 136, 175, 107

255, 255, 255


 190, 231, 159


 219, 255, 186

 247, 255, 214

 255, 255, 243

 136, 175, 107

 110, 148, 82

 84, 122, 58

 60, 97, 35

 35, 73, 11

 13, 50, 0

 0, 31, 0

 0, 0, 0

 136, 175, 107


 126, 175, 90


 136, 175, 107

 146, 175, 125


 116, 175, 72


 156, 175, 142

 106, 175, 54


 166, 175, 160


 96, 175, 37


 176, 175, 177

 86, 175, 20


 186, 175, 195

 76, 175, 2

 196, 175, 212

 75, 175, 0

 206, 175, 230

 216, 175, 247

 226, 175, 255

Harmonies

Analogous

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



175, 165, 91



136, 175, 107



90, 181, 138

Triad

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



136, 175, 107



57, 174, 231



233, 135, 153

Complementary

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



136, 175, 107



146, 107, 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.



218, 139, 189



136, 175, 107



129, 163, 234

Square

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



136, 175, 107



0, 181, 209



183, 150, 219



228, 141, 119

Rectangle

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



136, 175, 107



49, 183, 162



183, 150, 219



230, 135, 165

Sweetspot

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



136, 175, 107



211, 227, 200



175, 146, 107



106, 115, 99



242, 242, 242



115, 115, 115

Same Dimension

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



136, 175, 107



166, 227, 120



107, 175, 112



82, 87, 78



64, 150, 0



10, 23, 0

Inverse Universe

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



146, 107, 175



181, 120, 227



175, 107, 170



83, 78, 87



86, 0, 150



13, 0, 23

Previews

White Background



This preview shows how the RGB color 136, 175, 107 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 136, 175, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

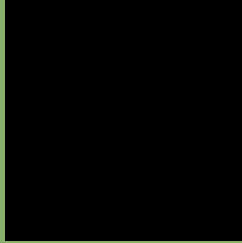
Any Text WCAG AA ✓ Pass

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 136, 175, 107 Background



This preview shows how black text looks on a background with the RGB color 136, 175, 107.



This preview shows how white text looks on a background with the RGB color 136, 175, 107.

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
136, 175, 107

Protanopia
178, 163, 102

Deuteranopia
195, 156, 111



Tritanopia
147, 166, 180

Trichromacy



Original Color
136, 175, 107

Protanomaly
163, 167, 104

Deuteranomaly
174, 163, 110

Tritanomaly
143, 169, 153

Monochromacy



Original Color
136, 175, 107

Achromatopsia
156, 156, 156

Achromatomaly
149, 163, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 175, 107 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(136, 175, 107)` looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 107)  
}
```

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(136, 175, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 107) }
```

Border

The CSS property to change the border of an element to RGB 136, 175, 107 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(136, 175, 107) }
```

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

```
.border{ border-color:rgb(136, 175, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 107);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 136, 175, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 107) }
```

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

```
.background{ background-color: rgb(136,  
175, 107) }
```

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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