

Converting Colors

RGB(140, 175, 118)

Have a look what the booklet for
RGB(140, 175, 118) contains.

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Color

RGB(140, 175, 118)

Conversions

Conversions Part 1

Format	Color
Hex	8CAF76
RGB	140, 175, 118
RGB Percent	55%, 69%, 46%
CMY	0.4510, 0.3137, 0.5373
CMYK	0.20, 0.00, 0.33, 0.31
HSL	97°, 26%, 57%
HSV	97°, 33%, 69%
XYZ	29.4152, 37.5434, 22.8358
YIQ	158.0370, -2.5630, -25.1470

Conversions

Conversions Part 2

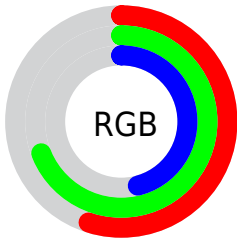
Format	Color
RYB	118, 175, 153
Decimal	9219958
CIELab	67.68, -22.50, 25.45
CIELCh	68, 33.970, 131.470
Yxy	37.5434, 0.3276, 0.4181
Android (android.graphics.Color)	4287410038 (0xFF8CAF76)
YUV	158.0370, -19.7382, -15.8184
Hunter-Lab	61.2727, -21.5346, 20.7940

Details

The RGB color **140, 175, 118** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **153, 118, 175**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **194, 231, 171**, and **89, 122, 69** is the 20% darker color. If you saturate the color by 10%, you get **129, 175, 101**, and if you desaturate by 10%, it is **151, 175, 136**.

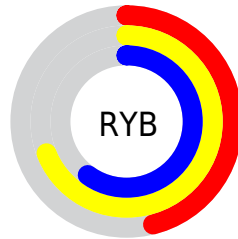
Distribution



Red (55%)

Green (69%)

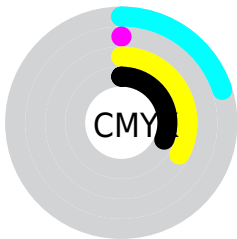
Blue (46%)



Red (46%)

Yellow (69%)

Blue (60%)

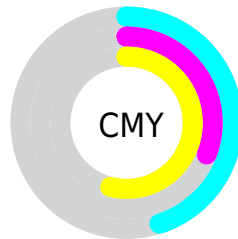


Cyan (20%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (45%)


Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 175, 118 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 140, 175, 118 by changing the saturation by 10% instead.

 140, 175, 118


255, 255, 255

 194, 231, 171


 223, 255, 198

 251, 255, 226


255, 255, 255

 140, 175, 118


 129, 175, 101

 140, 175, 118

 114, 148, 93

 89, 122, 69


 64, 97, 46


 41, 73, 24

 18, 50, 0


 0, 31, 0


 0, 0, 0


 140, 175, 118


 151, 175, 136

 119, 175, 83

 161, 175, 153

 108, 175, 66

 172, 175, 171

 97, 175, 48


 183, 175, 188

 86, 175, 30

 194, 175, 206

 76, 175, 13

 204, 175, 223

 68, 175, 0

 215, 175, 241

 226, 175, 255

 237, 175, 255

Harmonies

Analogous

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



174, 167, 104



140, 175, 118



103, 180, 144

Triad

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



140, 175, 118



91, 173, 222



225, 141, 154

Complementary

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



140, 175, 118



153, 118, 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.



213, 144, 185



140, 175, 118



141, 164, 225

Square

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



140, 175, 118



54, 179, 204



184, 153, 211



220, 147, 126

Rectangle

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



140, 175, 118



77, 181, 165



184, 153, 211



223, 141, 165

Sweetspot

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



140, 175, 118



213, 227, 204



175, 152, 118



106, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



140, 175, 118



173, 227, 138



118, 175, 124



81, 87, 78



58, 150, 0



9, 23, 0

Inverse Universe

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



153, 118, 175



193, 138, 227



175, 118, 169



83, 78, 87



92, 0, 150



14, 0, 23

Previews

White Background



This preview shows how the RGB color 140, 175, 118 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 140, 175, 118 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 140, 175, 118 Background



This preview shows how black text looks on a background with the RGB color 140, 175, 118.



This preview shows how white text looks on a background with the RGB color 140, 175, 118.

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
140, 175, 118

Protanopia
178, 164, 113

Deuteranopia
194, 158, 122



Tritanopia
150, 167, 180

Trichromacy



Original Color
140, 175, 118

Protanomaly
164, 168, 115

Deuteranomaly
174, 164, 121

Tritanomaly
146, 170, 157

Monochromacy



Original Color
140, 175, 118

Achromatopsia
158, 158, 158

Achromatomaly
151, 164, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 175, 118 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(140, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 118)  
}
```

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(140, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 118) }
```

Border

The CSS property to change the border of an element to RGB 140, 175, 118 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(140, 175, 118) }
```

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

```
.border{ border-color:rgb(140, 175, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 140, 175, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 118) }
```

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

```
.background{ background-color: rgb(140,  
175, 118) }
```

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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