

Converting Colors

RGB(142, 176, 117)

Have a look what the booklet for
RGB(142, 176, 117) contains.

RGB(142, 176, 117)	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(142, 176, 117)

Conversions

Conversions Part 1

Format	Color
Hex	8EB075
RGB	142, 176, 117
RGB Percent	56%, 69%, 46%
CMY	0.4431, 0.3098, 0.5412
CMYK	0.19, 0.00, 0.34, 0.31
HSL	95°, 27%, 57%
HSV	95°, 34%, 69%
XYZ	29.8915, 38.0858, 22.6055
YIQ	159.1080, -1.3250, -25.5570

Conversions

Conversions Part 2

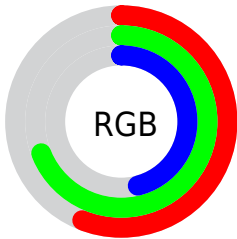
Format	Color
RYB	117, 176, 151
Decimal	9351285
CIELab	68.08, -22.41, 26.55
CIELCh	68, 34.739, 130.169
Yxy	38.0858, 0.3300, 0.4205
Android (android.graphics.Color)	4287541365 (0xFF8EB075)
YUV	159.1080, -20.7592, -15.0037
Hunter-Lab	61.7137, -21.5410, 21.4819

Details

The RGB color **142, 176, 117** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **151, 117, 176**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **196, 232, 170**, and **91, 123, 68** is the 20% darker color. If you saturate the color by 10%, you get **132, 176, 99**, and if you desaturate by 10%, it is **152, 176, 135**.

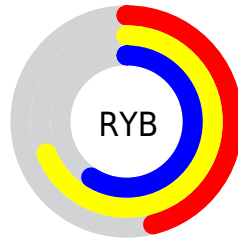
Distribution



Red (56%)

Green (69%)

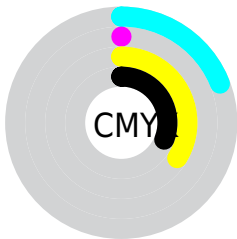
Blue (46%)



Red (46%)

Yellow (69%)

Blue (59%)

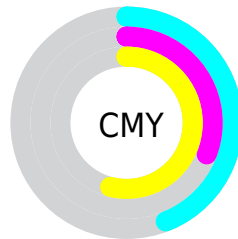


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (44%)


Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 176, 117 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 142, 176, 117 by changing the saturation by 10% instead.

 142, 176, 117


255, 255, 255

 196, 232, 170


 225, 255, 197

 254, 255, 225


255, 255, 254

 142, 176, 117

 132, 176, 99

 142, 176, 117

 116, 149, 92

 91, 123, 68


 66, 98, 45


 42, 74, 22

 20, 51, 0

 0, 31, 0


 0, 0, 0


 142, 176, 117


 152, 176, 135

 122, 176, 82


 162, 176, 152

 112, 176, 64


 172, 176, 170

 101, 176, 47


 183, 176, 187

 91, 176, 29

 193, 176, 205

 81, 176, 11

 203, 176, 223

 75, 176, 0

 213, 176, 240

 223, 176, 255

 233, 176, 255

Harmonies

Analogous

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



176, 167, 104



142, 176, 117



104, 181, 144

Triad

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



142, 176, 117



87, 175, 224



227, 142, 156

Complementary

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



142, 176, 117



151, 117, 176

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.



214, 145, 188



142, 176, 117



139, 165, 227

Square

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



142, 176, 117



48, 181, 205



184, 154, 214



223, 147, 127

Rectangle

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



142, 176, 117



77, 183, 165



184, 154, 214



225, 142, 167

Sweetspot

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



142, 176, 117



216, 230, 207



176, 150, 117



107, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



142, 176, 117



177, 230, 138



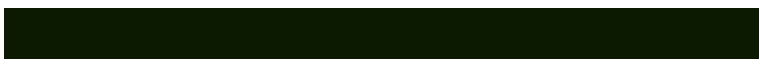
117, 176, 121



84, 89, 80



65, 153, 0



11, 26, 0

Inverse Universe

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



151, 117, 176



191, 138, 230



176, 117, 172



85, 80, 89



88, 0, 153



15, 0, 26

Previews

White Background



This preview shows how the RGB color 142, 176, 117 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 142, 176, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

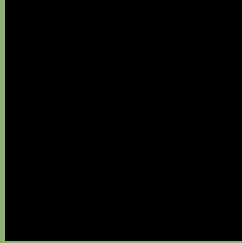
Any Text WCAG AA ✓ Pass

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 142, 176, 117 Background



This preview shows how black text looks on a background with the RGB color 142, 176, 117.



This preview shows how white text looks on a background with the RGB color 142, 176, 117.

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
142, 176, 117

Protanopia
179, 165, 113

Deuteranopia
196, 159, 121



Tritanopia

152, 168, 181

Trichromacy



Original Color
142, 176, 117

Protanomaly
166, 169, 114

Deuteranomaly
176, 165, 120

Tritanomaly
148, 171, 158

Monochromacy



Original Color
142, 176, 117

Achromatopsia
159, 159, 159

Achromatomaly
153, 165, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 176, 117 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(142, 176, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 176, 117)  
}
```

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(142, 176, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 176, 117) }
```

Border

The CSS property to change the border of an element to RGB 142, 176, 117 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(142, 176, 117) }
```

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

```
.border{ border-color:rgb(142, 176, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 176, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 176, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 176, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 176,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 142, 176, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 176, 117) }
```

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

```
.background{ background-color: rgb(142,  
176, 117) }
```

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