Converting Colors

RGB(148, 176, 107)

Have a look what the booklet for RGB(148, 176, 107) contains.

Color

RGB(148, 176, 107)

Conversions

Conversions Part 1

Format	Color
Hex	94B06B
RGB	148, 176, 107
RGB Percent	58%, 69%, 42%
CMY	0.4196, 0.3098, 0.5804
CMYK	0.16, 0.00, 0.39, 0.31
HSL	84°, 30%, 55%
HSV	84°, 39%, 69%
XYZ	30.3919, 38.4081, 19.7216
YIQ	159.7620, 5.4610, -27.3950

Conversions

Conversions Part 2

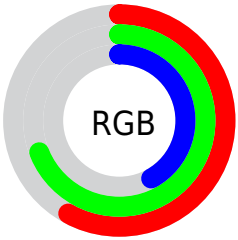
Format	Color
RYB	107, 176, 135
Decimal	9744491
CIELab	68.32, -21.54, 32.22
CIELCh	68, 38.758, 123.765
Yxy	38.4081, 0.3433, 0.4339
Android (android.graphics.Color)	4287934571 (0xFF94B06B)
YUV	159.7620, -26.0117, -10.3153
Hunter-Lab	61.9743, -20.9193, 24.5146

Details

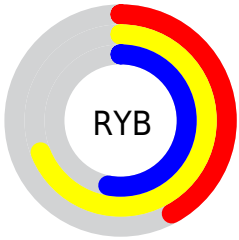
The RGB color 148, 176, 107 is a dark color, and the websafe version is hex 999966. A complement of this color would be 135, 107, 176, and the grayscale version is 160, 160, 160.

A 20% lighter version of the original color is 203, 232, 159, and 96, 123, 58 is the 20% darker color. If you saturate the color by 10%, you get 141, 176, 89, and if you desaturate by 10%, it is 155, 176, 125.

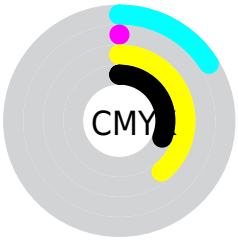
Distribution



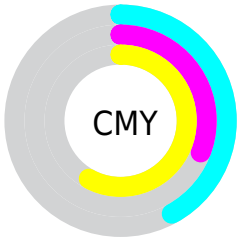
- Red (58%)
- Green (69%)
- Blue (42%)



- Red (42%)
- Yellow (69%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 148, 176, 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 148, 176, 107 by changing the saturation by 10% instead.

148, 176, 107

255, 255, 255

203, 232, 159

231, 255, 186

255, 255, 214

255, 255, 243

148, 176, 107

122, 149, 82

96, 123, 58

71, 98, 35

47, 74, 10

25, 51, 0

0, 31, 0

0, 0, 0

148, 176, 107

141, 176, 89

148, 176, 107

155, 176, 125

134, 176, 72

127, 176, 54

119, 176, 37

112, 176, 19

105, 176, 1

105, 176, 0

162, 176, 142

169, 176, 160

177, 176, 177

184, 176, 195

191, 176, 213

198, 176, 230

205, 176, 248

212, 176, 255

Harmonies

Analogous

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

185, 166, 96

148, 176, 107

105, 183, 134

Triad

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

148, 176, 107

54, 178, 229

233, 139, 163

Complementary

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

148, 176, 107

135, 107, 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, 144, 198

148, 176, 107

122, 169, 236

Square

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

148, 176, 107

0, 184, 204

176, 156, 225

232, 143, 129

Rectangle

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

148, 176, 107

72, 185, 158

176, 156, 225

229, 140, 175

Sweetspot

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

148, 176, 107

218, 230, 202

176, 135, 107

108, 115, 99

242, 242, 242

115, 115, 115

Same Dimension

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

148, 176, 107

186, 230, 122

114, 176, 107

86, 89, 80

91, 153, 0

15, 26, 0

Inverse Universe

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

135, 107, 176

165, 122, 230

169, 107, 176

84, 80, 89

62, 0, 153

10, 0, 26

Previews

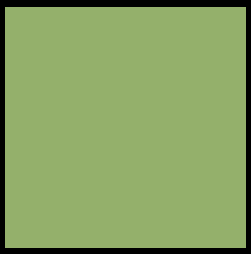
White Background

This preview shows how the RGB color 148, 176, 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



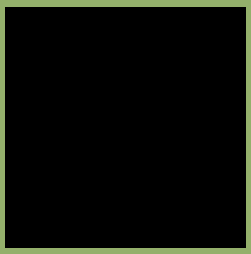
This preview shows how the RGB color 148, 176, 107 looks on a black background.

Color Contrast Check

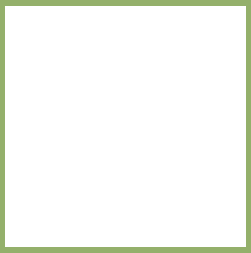
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 148, 176, 107 Background



This preview shows how black text looks on a background with the RGB color 148, 176, 107.



This preview shows how white text looks on a background with the RGB color 148, 176, 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
148, 176, 107

Protanopia
181, 166, 103

Deuteranopia
199, 159, 111

Tritanopia
158, 167, 180

Trichromacy

Original Color
148, 176, 107

Protanomaly
169, 170, 104

Deuteranomaly
180, 165, 110

Tritanomaly
154, 170, 153

Monochromacy

Original Color
148, 176, 107

Achromatopsia
160, 160, 160

Achromatomaly
156, 166, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 176, 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(148, 176, 107) looks like.

```
.text, #text, p{
    color:rgb(148, 176, 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(148, 176, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 107) }
```

Border

The CSS property to change the border of an element to RGB 148, 176, 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(148, 176, 107) }
```

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

```
.border{ border-color:rgb(148, 176, 107) }
```

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

Here you see how a box with a 4 pixel rgb(148, 176, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 176, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 176, 107); box-shadow:4px 4px 4px 4px rgb(148, 176, 107) }
```

Background

The CSS property to change the background color of an element to RGB 148, 176, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(148, 176, 107) }
```

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

```
.background{ background-color:rgb(148,
176, 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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