Converting Colors

RGB(123, 198, 108)

Have a look what the booklet for RGB(123, 198, 108) contains.

Color

RGB(123, 198, 108)

Conversions

Conversions Part 1

Format	Color
Hex	7BC66C
RGB	123, 198, 108
RGB Percent	48%, 78%, 42%
CMY	0.5176, 0.2235, 0.5765
CMYK	0.38, 0.00, 0.45, 0.22
HSL	110°, 44%, 60%
HSV	110°, 45%, 78%
XYZ	31.0692, 45.6818, 21.3673
YIQ	165.3150, -15.8100, -43.8900

Conversions

Conversions Part 2

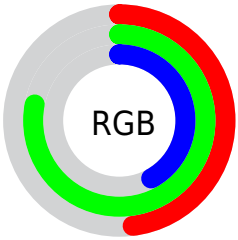
Format	Color
RYB	108, 198, 183
Decimal	8111724
CIELab	73.34, -40.65, 37.81
CIELCh	73, 55.515, 137.074
Yxy	45.6818, 0.3167, 0.4656
Android (android.graphics.Color)	4286301804 (0xFF7BC66C)
YUV	165.3150, -28.2563, -37.1103
Hunter-Lab	67.5883, -36.2261, 28.5679

Details

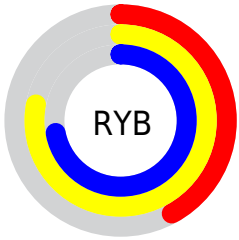
The RGB color 123, 198, 108 is a dark color, and the websafe version is hex 66CC66. A complement of this color would be 183, 108, 198, and the grayscale version is 166, 166, 166.

A 20% lighter version of the original color is 179, 255, 161, and 69, 144, 58 is the 20% darker color. If you saturate the color by 10%, you get 107, 198, 88, and if you desaturate by 10%, it is 139, 198, 128.

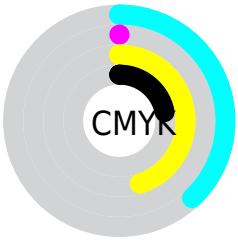
Distribution



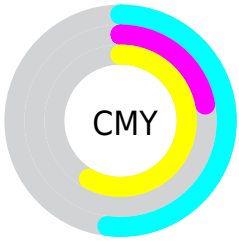
- Red (48%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 198, 108 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 123, 198, 108 by changing the saturation by 10% instead.

123, 198, 108

255, 255, 255

179, 255, 161

207, 255, 188

236, 255, 216

255, 255, 245

123, 198, 108

96, 170, 83

69, 144, 58

40, 117, 33

0, 92, 5

0, 68, 0

0, 45, 0

0, 20, 0

0, 0, 0

123, 198, 108

123, 198, 108

107, 198, 88

90, 198, 68

73, 198, 49

57, 198, 29

40, 198, 9

33, 198, 0

139, 198, 128

156, 198, 148

173, 198, 167

189, 198, 187

206, 198, 207

222, 198, 227

239, 198, 247

255, 198, 255

Harmonies

Analogous

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

181, 186, 78

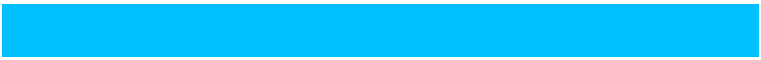
123, 198, 108

0, 204, 156

Triad

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

123, 198, 108



0, 192, 255

255, 137, 153

Complementary

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

123, 198, 108

183, 108, 198

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.

255, 139, 204

123, 198, 108

146, 175, 255

Square

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

123, 198, 108

0, 202, 253

221, 155, 250

255, 151, 108

Rectangle

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

123, 198, 108

0, 206, 191

221, 155, 250

255, 136, 170

Sweetspot

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

123, 198, 108

225, 255, 219

198, 183, 108

109, 128, 106

0, 0, 0

128, 128, 128

Same Dimension

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

123, 198, 108

138, 255, 115

108, 198, 138

91, 99, 90

27, 163, 0

6, 36, 0

Inverse Universe

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

183, 108, 198

232, 115, 255

198, 108, 168

98, 90, 99

136, 0, 163

30, 0, 36

Previews

White Background

This preview shows how the RGB color 123, 198, 108 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 123, 198, 108 looks on a black background.

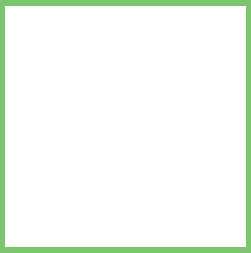
Color Contrast Check

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 123, 198, 108 Background

This preview shows how black text looks on a background with the RGB color 123, 198, 108.

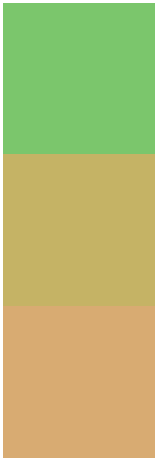


This preview shows how white text looks on a background with the RGB color 123, 198, 108.

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
123, 198, 108

Protanopia
197, 179, 101

Deuteranopia
216, 171, 114

Tritanopia
140, 187, 202

Trichromacy

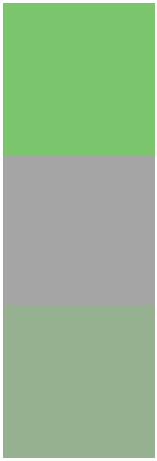
Original Color
123, 198, 108

Protanomaly
170, 186, 104

Deuteranomaly
182, 181, 112

Tritanomaly
134, 191, 168

Monochromacy



Original Color
123, 198, 108

Achromatopsia
165, 165, 165

Achromatomaly
150, 177, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 198, 108 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(123, 198, 108) looks like.

```
.text, #text, p{
    color:rgb(123, 198, 108)
}
```

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(123, 198, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 198, 108) }
```

Border

The CSS property to change the border of an element to RGB 123, 198, 108 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(123, 198, 108) }
```

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

```
.border{ border-color:rgb(123, 198, 108) }
```

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

Here you see how a box with a 4 pixel rgb(123, 198, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 198, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 198, 108); box-shadow:4px 4px 4px 4px rgb(123, 198, 108) }
```

Background

The CSS property to change the background color of an element to RGB 123, 198, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(123, 198, 108) }
```

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

```
.background{ background-color:rgb(123,
198, 108) }
```

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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