Converting Colors

RGB(130, 196, 108)

Have a look what the booklet for RGB(130, 196, 108) contains.

RGB(130, 196, 108) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RGB(130, 196, 108)

Conversions

Conversions Part 1

Format	Color
Hex	82C46C
RGB	130, 196, 108
RGB Percent	51%, 77%, 42%
CMY	0.4902, 0.2314, 0.5765
CMYK	0.34, 0.00, 0.45, 0.23
HSL	105°, 43%, 60%
HSV	105°, 45%, 77%
XYZ	31.6526, 45.3084, 21.2645
YIQ	166.2340, -11.0880, -41.3600

Conversions

Conversions Part 2

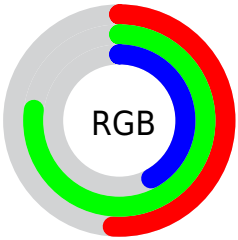
Format	Color
RYB	108, 196, 174
Decimal	8569964
CIELab	73.09, -37.46, 37.57
CIELCh	73, 53.055, 134.909
Yxy	45.3084, 0.3222, 0.4613
Android (android.graphics.Color)	4286760044 (0xFF82C46C)
YUV	166.2340, -28.7094, -31.7772
Hunter-Lab	67.3115, -33.8571, 28.3877

Details

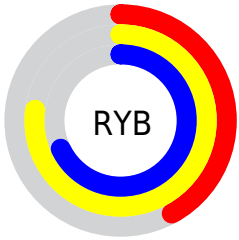
The RGB color 130, 196, 108 is a dark color, and the websafe version is hex 99CC66. A complement of this color would be 174, 108, 196, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 185, 253, 161, and 77, 142, 58 is the 20% darker color. If you saturate the color by 10%, you get 115, 196, 88, and if you desaturate by 10%, it is 145, 196, 128.

Distribution

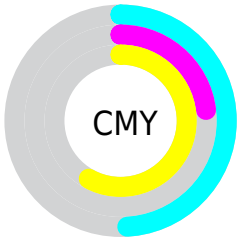


- Red (51%)
- Green (77%)
- Blue (42%)



- Red (42%)
- Yellow (77%)
- Blue (68%)

- Cyan (34%)
- Magenta (0%)
- Yellow (45%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 196, 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 130, 196, 108 by changing the saturation by 10% instead.

130, 196, 108

255, 255, 255

185, 253, 161

214, 255, 188

243, 255, 216

255, 255, 245

130, 196, 108

103, 169, 83

77, 142, 58

50, 116, 34

19, 91, 6

0, 66, 0

0, 44, 0

0, 19, 0

0, 0, 0

130, 196, 108

130, 196, 108

115, 196, 88

101, 196, 69

86, 196, 49

71, 196, 30

57, 196, 10

49, 196, 0

145, 196, 128

159, 196, 147

174, 196, 167

189, 196, 186

204, 196, 206

218, 196, 226

233, 196, 245

248, 196, 255

255, 196, 255

Harmonies

Analogous

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

185, 184, 81

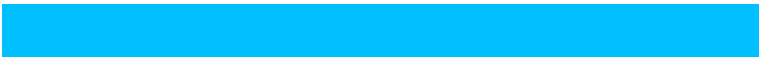
130, 196, 108

45, 202, 152

Triad

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

130, 196, 108



0, 192, 255

255, 139, 157

Complementary

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

130, 196, 108

174, 108, 196

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, 142, 206

130, 196, 108

142, 176, 255

Square

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

130, 196, 108

0, 201, 247

214, 157, 249

255, 150, 113

Rectangle

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

130, 196, 108

0, 204, 186

214, 157, 249

255, 138, 173

Sweetspot

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

130, 196, 108

230, 255, 222

196, 174, 108

112, 128, 107

0, 0, 0

128, 128, 128

Same Dimension

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

130, 196, 108

152, 255, 117

108, 196, 130

90, 97, 87

40, 161, 0

8, 33, 0

Inverse Universe

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

174, 108, 196

221, 117, 255

196, 108, 174

94, 87, 97

120, 0, 161

25, 0, 33

Previews

White Background

This preview shows how the RGB color 130, 196, 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 130, 196, 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 130, 196, 108 Background

This preview shows how black text looks on a background with the RGB color 130, 196, 108.

This preview shows how white text looks on a background with the RGB color 130, 196, 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
130, 196, 108

Protanopia
196, 179, 102

Deuteranopia
215, 171, 114

Tritanopia
146, 185, 200

Trichromacy

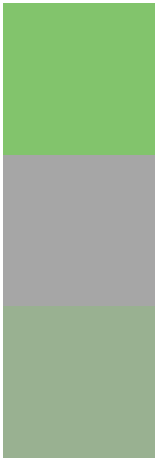
Original Color
130, 196, 108

Protanomaly
172, 185, 104

Deuteranomaly
184, 180, 112

Tritanomaly
140, 189, 167

Monochromacy



Original Color
130, 196, 108

Achromatopsia
166, 166, 166

Achromatomaly
153, 177, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 196, 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(130, 196, 108) looks like.

```
.text, #text, p{
    color:rgb(130, 196, 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(130, 196, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 196, 108) }
```

Border

The CSS property to change the border of an element to RGB 130, 196, 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(130, 196, 108) }
```

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

```
.border{ border-color:rgb(130, 196, 108) }
```

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

Here you see how a box with a 4 pixel rgb(130, 196, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 196, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 196, 108); box-shadow:4px 4px 4px 4px rgb(130, 196, 108) }
```

Background

The CSS property to change the background color of an element to RGB 130, 196, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 196, 108) }
```

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

```
.background{ background-color:rgb(130,
196, 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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