

Converting Colors

RGB(125, 196, 118)

Have a look what the booklet for
RGB(125, 196, 118) contains.

RGB(125, 196, 118)	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(125, 196, 118)

Conversions

Conversions Part 1

Format	Color
Hex	7DC476
RGB	125, 196, 118
RGB Percent	49%, 77%, 46%
CMY	0.5098, 0.2314, 0.5373
CMYK	0.36, 0.00, 0.40, 0.23
HSL	115°, 40%, 62%
HSV	115°, 40%, 77%
XYZ	31.4674, 45.1478, 24.1954
YIQ	165.8790, -17.2780, -39.3100

Conversions

Conversions Part 2

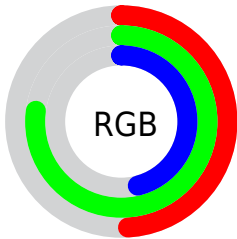
Format	Color
RYB	118, 196, 189
Decimal	8242294
CIELab	72.99, -37.68, 32.29
CIELCh	73, 49.622, 139.405
Yxy	45.1478, 0.3121, 0.4478
Android (android.graphics.Color)	4286432374 (0xFF7DC476)
YUV	165.8790, -23.6043, -35.8509
Hunter-Lab	67.1921, -33.9912, 25.6846

Details

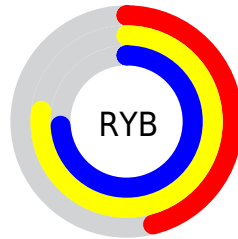
The RGB color **125, 196, 118** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **189, 118, 196**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **180, 253, 171**, and **72, 142, 68** is the 20% darker color. If you saturate the color by 10%, you get **107, 196, 98**, and if you desaturate by 10%, it is **143, 196, 138**.

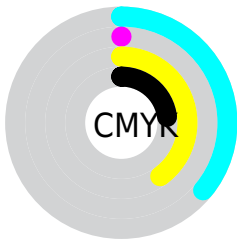
Distribution



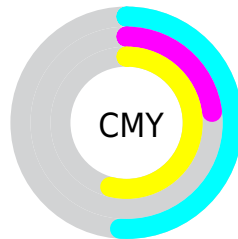
- Red (49%)
- Green (77%)
- Blue (46%)



- Red (46%)
- Yellow (77%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 196, 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 125, 196, 118 by changing the saturation by 10% instead.

 125, 196, 118


255, 255, 255


 180, 253, 171


 209, 255, 199


 238, 255, 227

 125, 196, 118

 98, 168, 93

 72, 142, 68

 44, 116, 44

 11, 91, 21

 0, 66, 0

 0, 44, 0

 0, 18, 0

 0, 0, 0


 125, 196, 118


 125, 196, 118

 107, 196, 98

 143, 196, 138


 89, 196, 79


 161, 196, 157

 71, 196, 59


 179, 196, 177


 54, 196, 40


 196, 196, 196


 36, 196, 20

 214, 196, 216

 18, 196, 0

 232, 196, 236

 18, 196, 0

 250, 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.



178, 186, 90



125, 196, 118



45, 202, 161

Triad

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



125, 196, 118



55, 189, 255



255, 143, 151

Complementary

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



125, 196, 118



189, 118, 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, 143, 197



125, 196, 118



157, 173, 255

Square

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



125, 196, 118



0, 198, 247



220, 156, 239



252, 155, 112

Rectangle

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



125, 196, 118



0, 203, 192



220, 156, 239



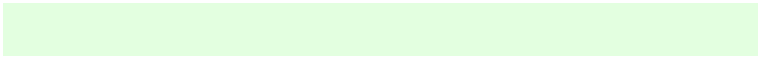
255, 141, 166

Sweetspot

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



125, 196, 118



227, 255, 224



196, 188, 118



111, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



125, 196, 118



144, 255, 133



118, 196, 149



88, 97, 87



14, 161, 0



3, 33, 0

Inverse Universe

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



189, 118, 196



244, 133, 255



196, 118, 165



96, 87, 97



146, 0, 161



30, 0, 33

Previews

White Background



This preview shows how the RGB color 125, 196, 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 125, 196, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

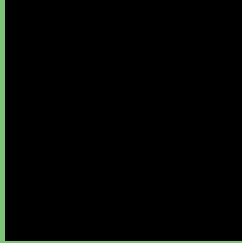
Any Text WCAG AA ✓ Pass

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 125, 196, 118 Background



This preview shows how black text looks on a background with the RGB color 125, 196, 118.

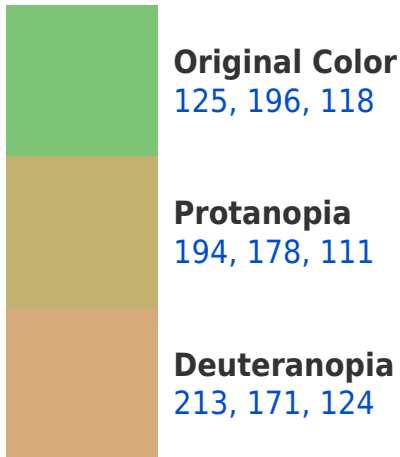


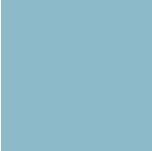
This preview shows how white text looks on a background with the RGB color 125, 196, 118.

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





Tritanopia
140, 186, 201

Trichromacy



Original Color

125, 196, 118



Protanomaly

169, 185, 114



Deuteranomaly

181, 180, 122



Tritanomaly

135, 190, 171

Monochromacy



Original Color

125, 196, 118



Achromatopsia

166, 166, 166



Achromatomaly

151, 177, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 196, 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(125, 196, 118)` looks like.

```
.text, #text, p{  
    color:rgb(125, 196, 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(125, 196, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 196, 118) }
```

Border

The CSS property to change the border of an element to RGB 125, 196, 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(125, 196, 118) }
```

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

```
.border{ border-color:rgb(125, 196, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 196, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 196, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 196, 118);  
box-shadow:4px 4px 4px 4px rgb(125, 196,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 125, 196, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 196, 118) }
```

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

```
.background{ background-color: rgb(125,  
196, 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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