

Converting Colors

RGB(158, 202, 129)

Have a look what the booklet for
RGB(158, 202, 129) contains.

RGB(158, 202, 129)	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(158, 202, 129)

Conversions

Conversions Part 1

Format	Color
Hex	9ECA81
RGB	158, 202, 129
RGB Percent	62%, 79%, 51%
CMY	0.3804, 0.2078, 0.4941
CMYK	0.22, 0.00, 0.36, 0.21
HSL	96°, 41%, 65%
HSV	96°, 36%, 79%
XYZ	39.1835, 51.0951, 28.5660
YIQ	180.5220, -2.7910, -32.0310

Conversions

Conversions Part 2

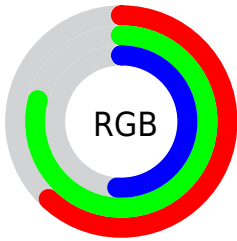
Format	Color
RYB	129, 202, 173
Decimal	10406529
CIELab	76.74, -27.60, 31.86
CIELCh	77, 42.149, 130.905
Yxy	51.0951, 0.3297, 0.4299
Android (android.graphics.Color)	4288596609 (0xFF9ECA81)
YUV	180.5220, -25.4003, -19.7518
Hunter-Lab	71.4809, -27.2435, 26.3424

Details

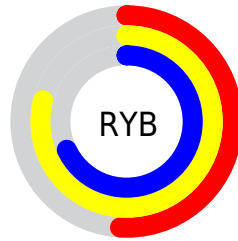
The RGB color **158, 202, 129** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173, 129, 202**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **214, 255, 183**, and **105, 148, 79** is the 20% darker color. If you saturate the color by 10%, you get **146, 202, 109**, and if you desaturate by 10%, it is **170, 202, 149**.

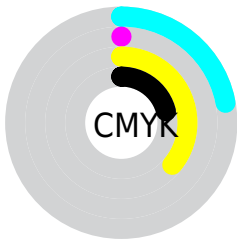
Distribution



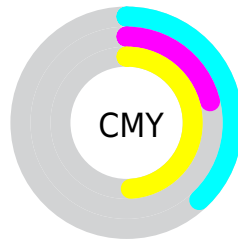
- Red (62%)
- Green (79%)
- Blue (51%)



- Red (51%)
- Yellow (79%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 202, 129 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 158, 202, 129 by changing the saturation by 10% instead.

 158, 202, 129


255, 255, 255


 214, 255, 183


 242, 255, 210

 255, 255, 239

 158, 202, 129

 131, 174, 103

 105, 148, 79

 80, 122, 55

 55, 97, 31

 30, 73, 6

 5, 50, 0

 0, 31, 0

 0, 0, 0

 158, 202, 129


 158, 202, 129

 146, 202, 109

 170, 202, 149

 134, 202, 89

 182, 202, 169

 121, 202, 68


 195, 202, 190


 109, 202, 48


 207, 202, 210

 97, 202, 28

 219, 202, 230

 85, 202, 8

 231, 202, 250

 80, 202, 0

 243, 202, 255

 255, 202, 255

Harmonies

Analogous

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



201, 192, 112



158, 202, 129



109, 208, 163

Triad

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



158, 202, 129



85, 200, 255



255, 159, 176

Complementary

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



158, 202, 129



173, 129, 202

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.



250, 162, 216



158, 202, 129



156, 188, 255

Square

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



158, 202, 129



0, 208, 239



212, 174, 249



255, 166, 140

Rectangle

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



158, 202, 129



69, 210, 189



212, 174, 249



255, 159, 190

Sweetspot

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



158, 202, 129



238, 255, 227



202, 173, 129



118, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



158, 202, 129



189, 255, 145



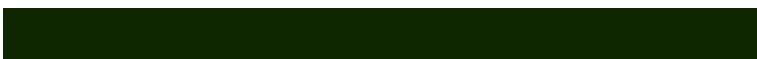
129, 202, 136



96, 102, 92



66, 166, 0



15, 38, 0

Inverse Universe

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



173, 129, 202



211, 145, 255



202, 129, 195



98, 92, 102



100, 0, 166



23, 0, 38

Previews

White Background



This preview shows how the RGB color 158, 202, 129 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 158, 202, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

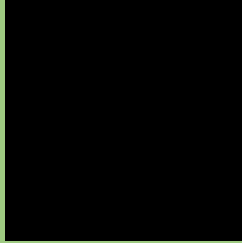
Any Text WCAG AA ✓ Pass

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 158, 202, 129 Background



This preview shows how black text looks on a background with the RGB color 158, 202, 129.



This preview shows how white text looks on a background with the RGB color 158, 202, 129.

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](#).

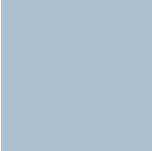
Dichromacy



Original Color
158, 202, 129

Protanopia
205, 189, 124

Deuteranopia
225, 181, 134



Tritanopia
170, 192, 208

Trichromacy



Original Color
158, 202, 129

Protanomaly
188, 194, 126

Deuteranomaly
201, 189, 132

Tritanomaly
166, 196, 179

Monochromacy



Original Color
158, 202, 129

Achromatopsia
181, 181, 181

Achromatomaly
173, 189, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 202, 129 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(158, 202, 129)` looks like.

```
.text, #text, p{  
    color:rgb(158, 202, 129)  
}
```

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(158, 202, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 202, 129) }
```

Border

The CSS property to change the border of an element to RGB 158, 202, 129 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(158, 202, 129) }
```

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

```
.border{ border-color:rgb(158, 202, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 202, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 202, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 202, 129);  
box-shadow:4px 4px 4px 4px rgb(158, 202,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 158, 202, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 202, 129) }
```

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

```
.background{ background-color: rgb(158,  
202, 129) }
```

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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