

Converting Colors

RGB(156, 214, 140)

Have a look what the booklet for
RGB(156, 214, 140) contains.

RGB(156, 214, 140)	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(156, 214, 140)

Conversions

Conversions Part 1

Format	Color
Hex	9CD68C
RGB	156, 214, 140
RGB Percent	61%, 84%, 55%
CMY	0.3882, 0.1608, 0.4510
CMYK	0.27, 0.00, 0.35, 0.16
HSL	107°, 47%, 69%
HSV	107°, 35%, 84%
XYZ	42.4905, 57.0545, 33.5841
YIQ	188.2220, -10.8140, -35.3100

Conversions

Conversions Part 2

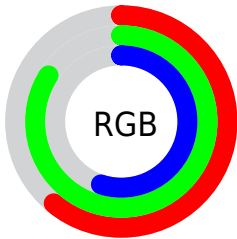
Format	Color
RYB	140, 214, 198
Decimal	10278540
CIELab	80.21, -32.38, 30.75
CIElCh	80, 44.657, 136.484
Yxy	57.0545, 0.3192, 0.4286
Android (android.graphics.Color)	4288468620 (0xFF9CD68C)
YUV	188.2220, -23.7734, -28.2587
Hunter-Lab	75.5344, -31.7734, 26.5126

Details

The RGB color **156, 214, 140** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **198, 140, 214**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **212, 255, 194**, and **103, 159, 89** is the 20% darker color. If you saturate the color by 10%, you get **139, 214, 119**, and if you desaturate by 10%, it is **173, 214, 161**.

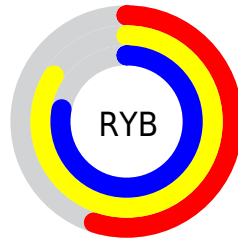
Distribution



Red (61%)

Green (84%)

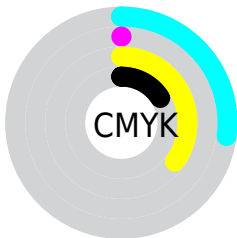
Blue (55%)



Red (55%)

Yellow (84%)

Blue (78%)

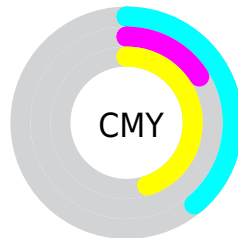


Cyan (27%)

Magenta (0%)

Yellow (35%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 214, 140 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 156, 214, 140 by changing the saturation by 10% instead.

 156, 214, 140

255, 255, 255


 212, 255, 194


 241, 255, 222


 255, 255, 251

 156, 214, 140

 129, 186, 114

 103, 159, 89

 77, 133, 65

 51, 107, 41

 24, 82, 18

 0, 59, 0

 0, 37, 0

 0, 1, 0

 0, 0, 0

 156, 214, 140


 156, 214, 140

 139, 214, 119

 173, 214, 161

 122, 214, 97

 190, 214, 183

 106, 214, 76

 206, 214, 204

 89, 214, 54


 223, 214, 226

 72, 214, 33

 240, 214, 247

 55, 214, 12

 255, 214, 255

 46, 214, 0

Harmonies

Analogous

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



203, 204, 117



156, 214, 140



101, 220, 178

Triad

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



156, 214, 140



100, 209, 255



255, 167, 177

Complementary

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



156, 214, 140



198, 140, 214

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, 168, 220



156, 214, 140



175, 195, 255

Square

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



156, 214, 140



0, 217, 255



232, 180, 255



255, 176, 140

Rectangle

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



156, 214, 140



53, 221, 207



232, 180, 255



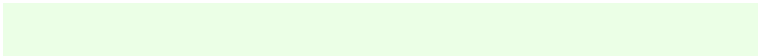
255, 166, 191

Sweetspot

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



156, 214, 140



235, 255, 230



214, 198, 140



116, 128, 112



0, 0, 0



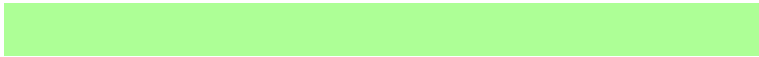
128, 128, 128

Same Dimension

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



156, 214, 140



173, 255, 150



140, 214, 161



99, 107, 96



37, 171, 0



9, 43, 0

Inverse Universe

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



198, 140, 214



232, 150, 255



214, 140, 193



105, 96, 107



134, 0, 171



34, 0, 43

Previews

White Background



This preview shows how the RGB color 156, 214, 140 looks on a white background.

Color Contrast Check

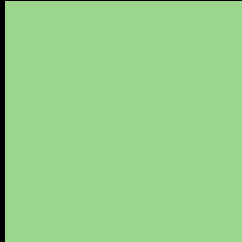
Large Text (above 18pt) WCAG AA × Fail

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 156, 214, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

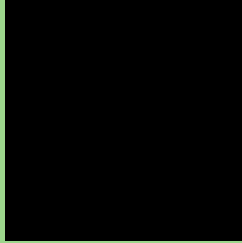
Any Text WCAG AA ✓ Pass

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 156, 214, 140 Background



This preview shows how black text looks on a background with the RGB color 156, 214, 140.



This preview shows how white text looks on a background with the RGB color 156, 214, 140.

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
156, 214, 140

Protanopia
215, 198, 133

Deuteranopia
234, 190, 145



Tritanopia
169, 204, 220

Trichromacy



Original Color

156, 214, 140



Protanomaly

194, 204, 136



Deuteranomaly

206, 199, 143



Tritanomaly

164, 208, 191

Monochromacy



Original Color

156, 214, 140



Achromatopsia

188, 188, 188



Achromatomaly

176, 197, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 214, 140 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(156, 214, 140)` looks like.

```
.text, #text, p{  
    color:rgb(156, 214, 140)  
}
```

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(156, 214, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 214, 140) }
```

Border

The CSS property to change the border of an element to RGB 156, 214, 140 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(156, 214, 140) }
```

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

```
.border{ border-color:rgb(156, 214, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 214, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 214, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 214, 140);  
box-shadow:4px 4px 4px 4px rgb(156, 214,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 156, 214, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 214, 140) }
```

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

```
.background{ background-color: rgb(156,  
214, 140) }
```

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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