

Converting Colors

RGB(158, 214, 134)

Have a look what the booklet for
RGB(158, 214, 134) contains.

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Color

RGB(158, 214, 134)

Conversions

Conversions Part 1

Format	Color
Hex	9ED686
RGB	158, 214, 134
RGB Percent	62%, 84%, 53%
CMY	0.3804, 0.1608, 0.4745
CMYK	0.26, 0.00, 0.37, 0.16
HSL	102°, 49%, 68%
HSV	102°, 37%, 84%
XYZ	42.4502, 57.0835, 31.3351
YIQ	188.1360, -7.6960, -36.7520

Conversions

Conversions Part 2

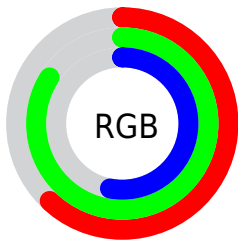
Format	Color
RYB	134, 214, 190
Decimal	10409606
CIELab	80.23, -32.58, 33.86
CIELCh	80, 46.988, 133.890
Yxy	57.0835, 0.3244, 0.4362
Android (android.graphics.Color)	4288599686 (0xFF9ED686)
YUV	188.1360, -26.6890, -26.4293
Hunter-Lab	75.5536, -31.9276, 28.2976

Details

The RGB color **158, 214, 134** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **190, 134, 214**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **214, 255, 188**, and **104, 159, 83** is the 20% darker color. If you saturate the color by 10%, you get **143, 214, 113**, and if you desaturate by 10%, it is **173, 214, 155**.

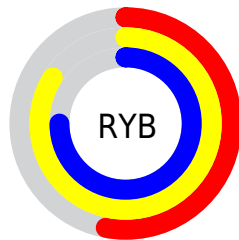
Distribution



Red (62%)

Green (84%)

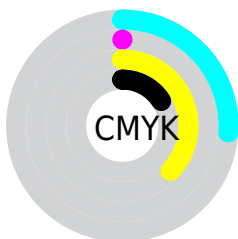
Blue (53%)



Red (53%)

Yellow (84%)

Blue (75%)

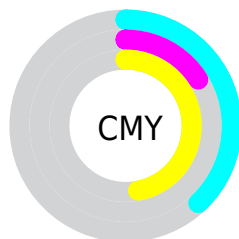


Cyan (26%)

Magenta (0%)

Yellow (37%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 214, 134 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, 214, 134 by changing the saturation by 10% instead.

 158, 214, 134


255, 255, 255

 214, 255, 188


 243, 255, 216


 255, 255, 245

 158, 214, 134

 131, 186, 108

 104, 159, 83

 79, 133, 59

 53, 107, 35

 26, 82, 10

 0, 59, 0

 0, 38, 0

 0, 2, 0

 0, 0, 0

 158, 214, 134


 158, 214, 134

 143, 214, 113

 173, 214, 155

 128, 214, 91

 188, 214, 177

 113, 214, 70

 203, 214, 198

 98, 214, 48

 218, 214, 220

 83, 214, 27

 233, 214, 241

 68, 214, 6

 248, 214, 255

 64, 214, 0

 255, 214, 255

Harmonies

Analogous

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



207, 203, 112



158, 214, 134



99, 220, 173

Triad

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



158, 214, 134



81, 210, 255



255, 164, 180

Complementary

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



158, 214, 134



190, 134, 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, 167, 224



158, 214, 134



167, 196, 255

Square

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



158, 214, 134



0, 219, 255



229, 180, 255



255, 173, 140

Rectangle

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



158, 214, 134



40, 222, 203



229, 180, 255



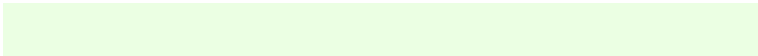
255, 164, 195

Sweetspot

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



158, 214, 134



235, 255, 227



214, 190, 134



116, 128, 111



0, 0, 0



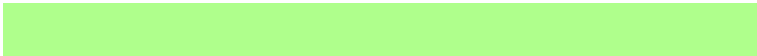
128, 128, 128

Same Dimension

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



158, 214, 134



175, 255, 140



134, 214, 150



100, 107, 96



51, 171, 0



13, 43, 0

Inverse Universe

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



190, 134, 214



221, 140, 255



214, 134, 198



104, 96, 107



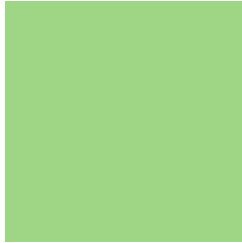
120, 0, 171



30, 0, 43

Previews

White Background



This preview shows how the RGB color 158, 214, 134 looks on a white background.

Color Contrast Check

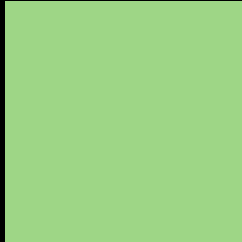
Large Text (above 18pt) WCAG AA × Fail

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, 214, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

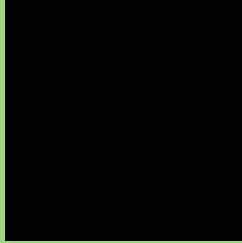
Any Text WCAG AA ✓ Pass

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, 214, 134 Background



This preview shows how black text looks on a background with the RGB color 158, 214, 134.



This preview shows how white text looks on a background with the RGB color 158, 214, 134.

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, 214, 134

Protanopia
216, 198, 128

Deuteranopia
236, 190, 139



Tritanopia
172, 204, 220

Trichromacy



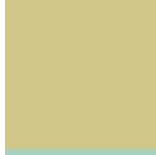
Original Color

158, 214, 134



Protanomaly

195, 204, 130



Deuteranomaly

208, 199, 137



Tritanomaly

167, 208, 189

Monochromacy



Original Color

158, 214, 134



Achromatopsia

188, 188, 188



Achromatomaly

177, 197, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 214, 134 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, 214, 134)` looks like.

```
.text, #text, p{  
    color:rgb(158, 214, 134)  
}
```

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, 214, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 214, 134) }
```

Border

The CSS property to change the border of an element to RGB 158, 214, 134 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, 214, 134) }
```

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

```
.border{ border-color:rgb(158, 214, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 214, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 214, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 214, 134);  
box-shadow:4px 4px 4px 4px rgb(158, 214,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 158, 214, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 214, 134) }
```

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

```
.background{ background-color: rgb(158,  
214, 134) }
```

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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