

Converting Colors

RGB(192, 228, 134)

Have a look what the booklet for
RGB(192, 228, 134) contains.

RGB(192, 228, 134)	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(192, 228, 134)

Conversions

Conversions Part 1

Format	Color
Hex	C0E486
RGB	192, 228, 134
RGB Percent	75%, 89%, 53%
CMY	0.2471, 0.1059, 0.4745
CMYK	0.16, 0.00, 0.41, 0.11
HSL	83°, 64%, 71%
HSV	83°, 41%, 89%
XYZ	53.7847, 68.4145, 32.9248
YIQ	206.5200, 8.7180, -36.8660

Conversions

Conversions Part 2

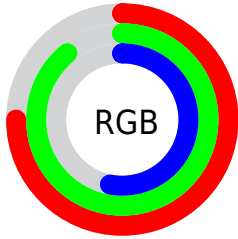
Format	Color
RYB	134, 228, 170
Decimal	12641414
CIELab	86.21, -27.01, 41.99
CIELCh	86, 49.926, 122.752
Yxy	68.4145, 0.3467, 0.4410
Android (android.graphics.Color)	4290831494 (0xFFC0E486)
YUV	206.5200, -35.7524, -12.7340
Hunter-Lab	82.7131, -28.6771, 34.2981

Details

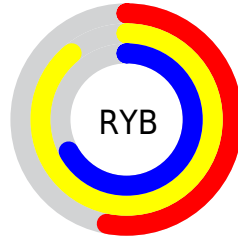
The RGB color **192, 228, 134** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **170, 134, 228**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **250, 255, 188**, and **137, 172, 82** is the 20% darker color. If you saturate the color by 10%, you get **183, 228, 111**, and if you desaturate by 10%, it is **201, 228, 157**.

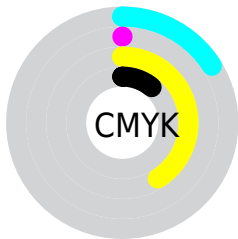
Distribution



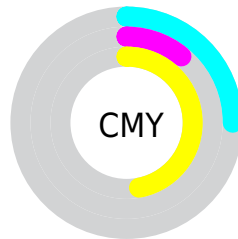
- Red (75%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 192, 228, 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 192, 228, 134 by changing the saturation by 10% instead.

 192, 228, 134

255, 255, 255

 250, 255, 188

 255, 255, 217


 255, 255, 245

 192, 228, 134

 164, 200, 108

 137, 172, 82

 110, 146, 57

 84, 120, 32

 59, 95, 2

 35, 71, 0

 5, 48, 0


 0, 30, 0


 0, 0, 0

 192, 228, 134


 192, 228, 134

 183, 228, 111


 201, 228, 157

 175, 228, 88


 209, 228, 180

 166, 228, 66

 218, 228, 202

 157, 228, 43

 227, 228, 225

 148, 228, 20

 236, 228, 248

 141, 228, 0

 244, 228, 255

 253, 228, 255

 255, 228, 255

Harmonies

Analogous

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



242, 214, 120



192, 228, 134



133, 237, 171

Triad

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



192, 228, 134



34, 232, 255



255, 178, 213

Complementary

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



192, 228, 134



170, 134, 228

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, 185, 255



192, 228, 134



150, 219, 255

Square

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



192, 228, 134



0, 239, 255



226, 202, 255



255, 183, 167

Rectangle

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



192, 228, 134



84, 240, 202



226, 202, 255



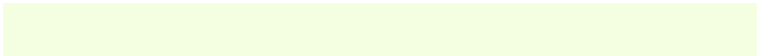
255, 179, 229

Sweetspot

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



192, 228, 134



243, 255, 224



228, 168, 134



121, 128, 110



0, 0, 0



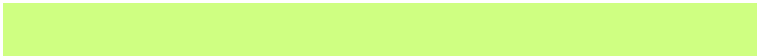
128, 128, 128

Same Dimension

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



192, 228, 134



207, 255, 130



147, 228, 134



110, 115, 103



110, 179, 0



31, 51, 0

Inverse Universe

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



170, 134, 228



178, 130, 255



215, 134, 228



108, 103, 115



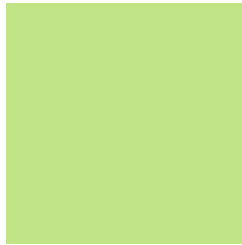
68, 0, 179



20, 0, 51

Previews

White Background



This preview shows how the RGB color 192, 228, 134 looks on a white background.

Color Contrast Check

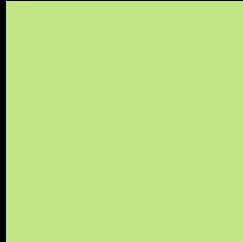
Large Text (above 18pt) WCAG AA × Fail

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 192, 228, 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 192, 228, 134 Background



This preview shows how black text looks on a background with the RGB color 192, 228, 134.

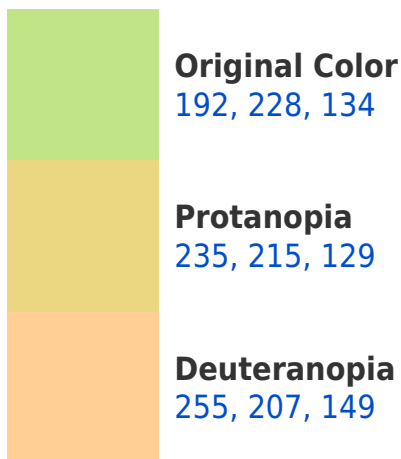


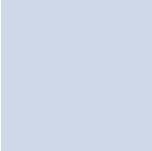
This preview shows how white text looks on a background with the RGB color 192, 228, 134.

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





Tritanopia
206, 216, 233

Trichromacy



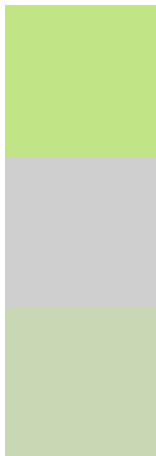
Original Color
192, 228, 134

Protanomaly
219, 220, 131

Deuteranomaly
232, 215, 144

Tritanomaly
201, 220, 197

Monochromacy



Original Color
192, 228, 134

Achromatopsia
207, 207, 207

Achromatomaly
202, 215, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 228, 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(192, 228, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 228, 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(192, 228, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 228, 134) }
```

Border

The CSS property to change the border of an element to RGB 192, 228, 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(192, 228, 134) }
```

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

```
.border{ border-color:rgb(192, 228, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 228, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 228, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 228, 134);  
box-shadow:4px 4px 4px 4px rgb(192, 228,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 192, 228, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 228, 134) }
```

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

```
.background{ background-color: rgb(192,  
228, 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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