

Converting Colors

RGB(194, 221, 134)

Have a look what the booklet for
RGB(194, 221, 134) contains.

RGB(194, 221, 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(194, 221, 134)

Conversions

Conversions Part 1

Format	Color
Hex	C2DD86
RGB	194, 221, 134
RGB Percent	76%, 87%, 53%
CMY	0.2392, 0.1333, 0.4745
CMYK	0.12, 0.00, 0.39, 0.13
HSL	79°, 56%, 70%
HSV	79°, 39%, 87%
XYZ	52.4077, 64.9035, 32.3197
YIQ	203.0090, 11.8350, -32.7810

Conversions

Conversions Part 2

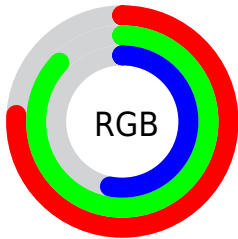
Format	Color
RYB	134, 221, 161
Decimal	12770694
CIELab	84.43, -22.90, 39.75
CIElCh	84, 45.874, 119.947
Yxy	64.9035, 0.3502, 0.4338
Android (android.graphics.Color)	4290960774 (0xFFC2DD86)
YUV	203.0090, -34.0214, -7.9009
Hunter-Lab	80.5627, -24.8668, 32.6082

Details

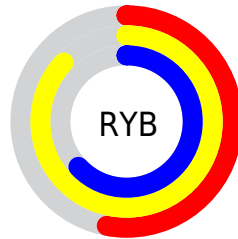
The RGB color **194, 221, 134** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **161, 134, 221**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **252, 255, 188**, and **139, 166, 83** is the 20% darker color. If you saturate the color by 10%, you get **187, 221, 112**, and if you desaturate by 10%, it is **201, 221, 156**.

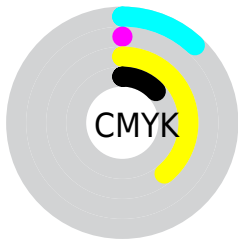
Distribution



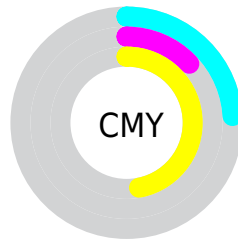
- Red (76%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 221, 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 194, 221, 134 by changing the saturation by 10% instead.

 194, 221, 134

255, 255, 255

 252, 255, 188


 255, 255, 216

 255, 255, 245

 194, 221, 134

 166, 193, 108

 139, 166, 83

 113, 139, 58

 87, 114, 33

 62, 89, 5

 38, 66, 0

 12, 43, 0


 0, 24, 0


 0, 0, 0

 194, 221, 134

 194, 221, 134

 187, 221, 112

 201, 221, 156


 180, 221, 90


 208, 221, 178

 173, 221, 68

 215, 221, 200

 167, 221, 46

 221, 221, 222

 160, 221, 23

 228, 221, 245

 153, 221, 1

 235, 221, 255

 152, 221, 0

 242, 221, 255

 249, 221, 255

 255, 221, 255

Harmonies

Analogous

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



239, 208, 123



194, 221, 134



142, 230, 166

Triad

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



194, 221, 134



60, 227, 255



255, 177, 212

Complementary

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



194, 221, 134



161, 134, 221

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



194, 221, 134



146, 215, 255

Square

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



194, 221, 134



0, 233, 252



215, 199, 255



255, 180, 170

Rectangle

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



194, 221, 134



102, 233, 194



215, 199, 255



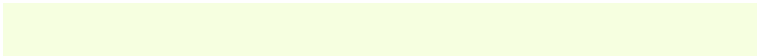
255, 178, 227

Sweetspot

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



194, 221, 134



246, 255, 224



221, 160, 134



122, 128, 110



0, 0, 0



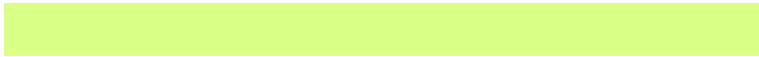
128, 128, 128

Same Dimension

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



194, 221, 134



218, 255, 135



151, 221, 134



106, 110, 99



120, 173, 0



32, 46, 0

Inverse Universe

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



161, 134, 221



172, 135, 255



204, 134, 221



102, 99, 110



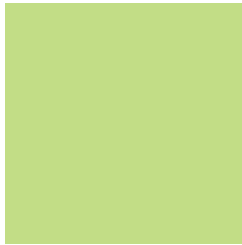
54, 0, 173



14, 0, 46

Previews

White Background



This preview shows how the RGB color 194, 221, 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 194, 221, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

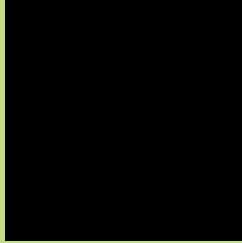
Any Text WCAG AA ✓ Pass

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 194, 221, 134 Background



This preview shows how black text looks on a background with the RGB color 194, 221, 134.

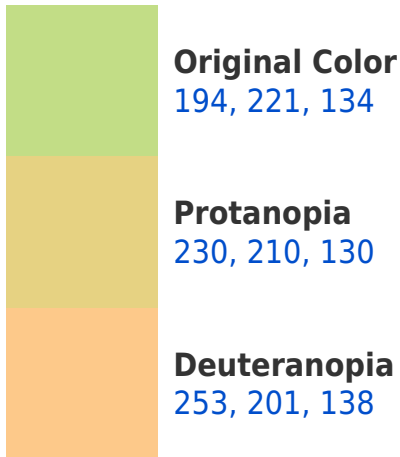


This preview shows how white text looks on a background with the RGB color 194, 221, 134.

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, 210, 227

Trichromacy



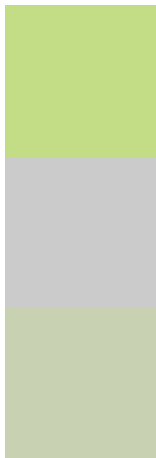
Original Color
194, 221, 134

Protanomaly
217, 214, 131

Deuteranomaly
232, 208, 137

Tritanomaly
202, 214, 193

Monochromacy



Original Color
194, 221, 134

Achromatopsia
203, 203, 203

Achromatomaly
200, 210, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 221, 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(194, 221, 134)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 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(194, 221, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 134) }
```

Border

The CSS property to change the border of an element to RGB 194, 221, 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(194, 221, 134) }
```

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

```
.border{ border-color:rgb(194, 221, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 134);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 194, 221, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 134) }
```

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

```
.background{ background-color: rgb(194,  
221, 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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