

Converting Colors

RGB(194, 234, 116)

Have a look what the booklet for
RGB(194, 234, 116) contains.

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Color

RGB(194, 234, 116)

Conversions

Conversions Part 1	
Format	Color
Hex	C2EA74
RGB	194, 234, 116
RGB Percent	76%, 92%, 45%
CMY	0.2392, 0.0824, 0.5451
CMYK	0.17, 0.00, 0.50, 0.08
HSL	80°, 74%, 69%
HSV	80°, 50%, 92%
XYZ	54.8233, 71.5759, 27.4490
YIQ	208.5880, 14.0380, -45.1780

Conversions

Conversions Part 2

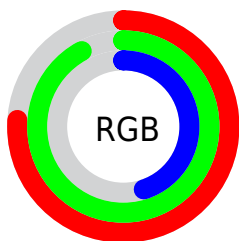
Format	Color
RYB	116, 234, 156
Decimal	12774004
CIELab	87.76, -31.05, 52.56
CIELCh	88, 61.046, 120.572
Yxy	71.5759, 0.3563, 0.4652
Android (android.graphics.Color)	4290964084 (0xFFC2EA74)
YUV	208.5880, -45.6459, -12.7937
Hunter-Lab	84.6026, -32.3846, 39.9853

Details

The RGB color **194, 234, 116** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **156, 116, 234**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **252, 255, 170**, and **138, 178, 63** is the 20% darker color. If you saturate the color by 10%, you get **186, 234, 93**, and if you desaturate by 10%, it is **202, 234, 139**.

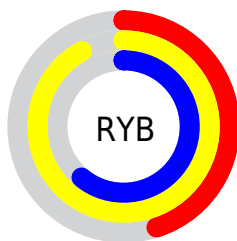
Distribution



Red (76%)

Green (92%)

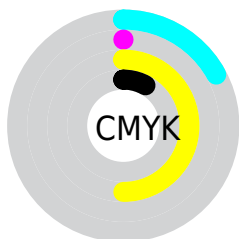
Blue (45%)



Red (45%)

Yellow (92%)

Blue (61%)

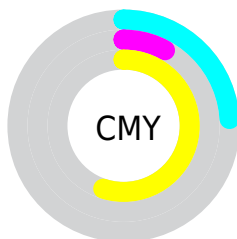


Cyan (17%)

Magenta (0%)

Yellow (50%)

Black (8%)



Cyan (24%)

Magenta (8%)

Yellow (55%)

Brightness & Saturation

Gradients

These gradients show how the RGB color 194, 234, 116 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, 234, 116 by changing the saturation by 10% instead.



194, 234, 116



194, 234, 116

255, 255, 255



166, 206, 90



252, 255, 170



138, 178, 63



255, 255, 199



111, 151, 36



255, 255, 227



84, 125, 0



58, 100, 0



31, 76, 0



0, 53, 0



0, 33, 0



0, 0, 0

 194, 234, 116

 194, 234, 116

 186, 234, 93


 202, 234, 139

 178, 234, 69

 210, 234, 163

 170, 234, 46

 218, 234, 186

 162, 234, 22

 226, 234, 210

 155, 234, 0

 234, 234, 233

 242, 234, 255

 250, 234, 255

 255, 234, 255

Harmonies

Analogous

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



253, 217, 100



194, 234, 116



119, 245, 161

Triad

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



194, 234, 116



0, 241, 255



255, 171, 221

Complementary

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



194, 234, 116



156, 116, 234

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, 183, 255



194, 234, 116



116, 226, 255

Square

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



194, 234, 116



0, 248, 255



225, 204, 255



255, 177, 164

Rectangle

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



194, 234, 116



4, 248, 199



225, 204, 255



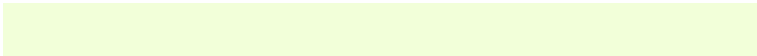
255, 173, 241

Sweetspot

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



194, 234, 116



242, 255, 217



234, 155, 116



120, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



194, 234, 116



202, 255, 99



136, 234, 116



113, 117, 106



120, 181, 0



35, 54, 0

Inverse Universe

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



156, 116, 234



152, 99, 255



214, 116, 234



110, 106, 117



61, 0, 181



18, 0, 54

Previews

White Background



This preview shows how the RGB color 194, 234, 116 looks on a white background.

Color Contrast Check

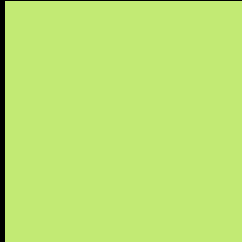
Large Text (above 18pt) WCAG AA × Fail

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, 234, 116 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, 234, 116 Background



This preview shows how black text looks on a background with the RGB color 194, 234, 116.

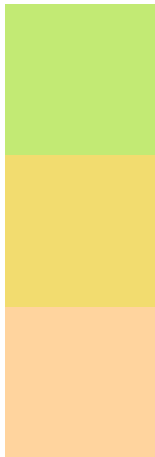


This preview shows how white text looks on a background with the RGB color 194, 234, 116.

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

194, 234, 116

Protanopia

242, 220, 111

Deuteranopia


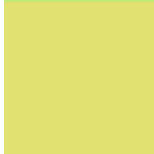

255, 212, 158




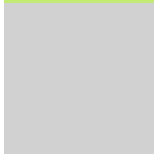
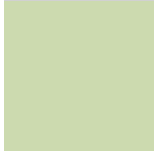
Tritanopia

210, 221, 238

Trichromacy

	Original Color 194, 234, 116
	Protanomaly 225, 225, 113
	Deuteranomaly 233, 220, 143
	Tritanomaly 204, 226, 194

Monochromacy

	Original Color 194, 234, 116
	Achromatopsia 209, 209, 209
	Achromatomaly 204, 218, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 234, 116 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, 234, 116)` looks like.

```
.text, #text, p{  
    color:rgb(194, 234, 116)  
}
```

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, 234, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 234, 116) }
```

Border

The CSS property to change the border of an element to RGB 194, 234, 116 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, 234, 116) }
```

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

```
.border{ border-color:rgb(194, 234, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 234, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 234, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 234, 116);  
box-shadow:4px 4px 4px 4px rgb(194, 234,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 194, 234, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 234, 116) }
```

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

```
.background{ background-color: rgb(194,  
234, 116) }
```

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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