

Converting Colors

RGB(205, 249, 108)

Have a look what the booklet for
RGB(205, 249, 108) contains.

RGB(205, 249, 108)	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(205, 249, 108)

Conversions

Conversions Part 1

Format	Color
Hex	CDF96C
RGB	205, 249, 108
RGB Percent	80%, 98%, 42%
CMY	0.1961, 0.0235, 0.5765
CMYK	0.18, 0.00, 0.57, 0.02
HSL	79°, 92%, 70%
HSV	79°, 57%, 98%
XYZ	61.7593, 81.8132, 26.7238
YIQ	219.7700, 19.0370, -53.1790

Conversions

Conversions Part 2

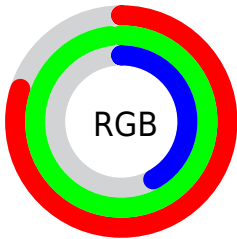
Format	Color
R _Y B	108, 249, 152
Decimal	13498732
CIE Lab	92.49, -34.57, 61.84
CIE LCh	92, 70.842, 119.208
Yxy	81.8132, 0.3627, 0.4804
Android (android.graphics.Color)	4291688812 (0xFFC9DF96C)
YUV	219.7700, -55.1026, -12.9533
Hunter-Lab	90.4507, -36.4097, 45.7981

Details

The RGB color **205, 249, 108** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **152, 108, 249**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 163**, and **148, 192, 52** is the 20% darker color. If you saturate the color by 10%, you get **197, 249, 83**, and if you desaturate by 10%, it is **213, 249, 133**.

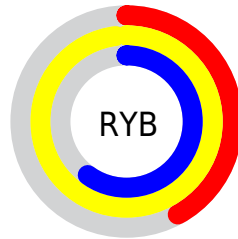
Distribution



Red (80%)

Green (98%)

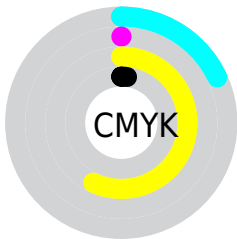
Blue (42%)



Red (42%)

Yellow (98%)

Blue (60%)

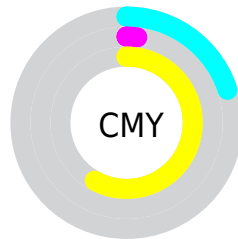


Cyan (18%)

Magenta (0%)

Yellow (57%)

Black (2%)



Cyan (20%)

Magenta (2%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 249, 108 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 205, 249, 108 by changing the saturation by 10% instead.

 205, 249, 108

 205, 249, 108

255, 255, 255

 176, 220, 81

 255, 255, 163

 148, 192, 52

 255, 255, 192

 120, 165, 17

 255, 255, 221

 92, 139, 0

 255, 255, 250

 65, 113, 0

 37, 88, 0

 0, 64, 0

 0, 42, 0

 0, 16, 0

■ 205, 249, 108

■ 205, 249, 108

■ 197, 249, 83

■ 213, 249, 133

■ 189, 249, 58

■ 221, 249, 158

■ 182, 249, 33

■ 228, 249, 183

■ 174, 249, 8

■ 236, 249, 208

■ 171, 249, 0

■ 244, 249, 233

■ 252, 249, 255

■ 255, 249, 255

Harmonies

Analogous

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



255, 229, 90



205, 249, 108



114, 255, 161

Triad

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



205, 249, 108



0, 255, 255



255, 174, 238

Complementary

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



205, 249, 108



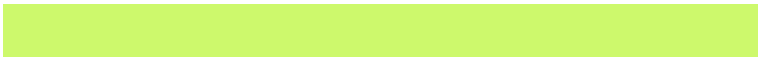
152, 108, 249

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, 189, 255



205, 249, 108



81, 241, 255

Square

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



205, 249, 108



0, 255, 255



233, 216, 255



255, 181, 171

Rectangle

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



205, 249, 108



0, 255, 206



233, 216, 255



255, 177, 255

Sweetspot

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



205, 249, 108



241, 255, 212



249, 150, 108



120, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



205, 249, 108



201, 255, 82



136, 249, 108



121, 125, 112



130, 189, 0



42, 61, 0

Inverse Universe

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



152, 108, 249



136, 82, 255



221, 108, 249



116, 112, 125



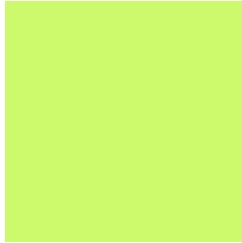
59, 0, 189



19, 0, 61

Previews

White Background



This preview shows how the RGB color 205, 249, 108 looks on a white background.

Color Contrast Check

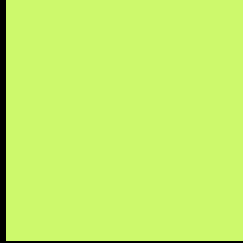
Large Text (above 18pt) WCAG AA × Fail

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 205, 249, 108 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 205, 249, 108 Background



This preview shows how black text looks on a background with the RGB color 205, 249, 108.

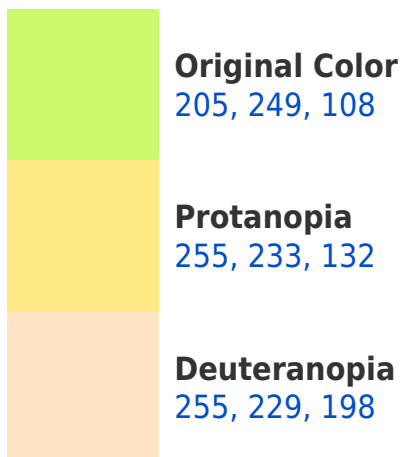


This preview shows how white text looks on a background with the RGB color 205, 249, 108.

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



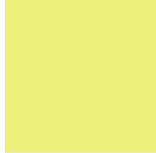


Tritanopia
223, 234, 252

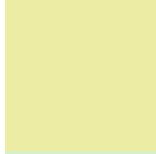
Trichromacy



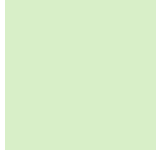
Original Color
205, 249, 108



Protanomaly
237, 239, 123



Deuteranomaly
237, 236, 165

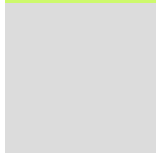


Tritanomaly
216, 239, 200

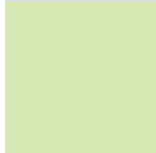
Monochromacy



Original Color
205, 249, 108



Achromatopsia
220, 220, 220



Achromatomaly
215, 231, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 249, 108 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(205, 249, 108)` looks like.

```
.text, #text, p{  
    color:rgb(205, 249, 108)  
}
```

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(205, 249, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 249, 108) }
```

Border

The CSS property to change the border of an element to RGB 205, 249, 108 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(205, 249, 108) }
```

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

```
.border{ border-color:rgb(205, 249, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 249, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 249, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 249, 108); box-shadow:4px 4px 4px 4px rgb(205, 249, 108) }
```

Background

The CSS property to change the background color of an element to RGB 205, 249, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 249, 108) }
```

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

```
.background{ background-color: rgb(205,  
249, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor