

Converting Colors

RGB(208, 245, 116)

Have a look what the booklet for
RGB(208, 245, 116) contains.

RGB(208, 245, 116)	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(208, 245, 116)

Conversions

Conversions Part 1

Format	Color
Hex	D0F574
RGB	208, 245, 116
RGB Percent	82%, 96%, 45%
CMY	0.1843, 0.0392, 0.5451
CMYK	0.15, 0.00, 0.53, 0.04
HSL	77°, 87%, 71%
HSV	77°, 53%, 96%
XYZ	61.8172, 79.9757, 28.7017
YIQ	219.2310, 19.3570, -47.9630

Conversions

Conversions Part 2

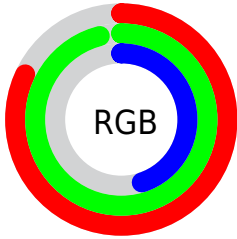
Format	Color
RYB	116, 245, 153
Decimal	13694324
CIELab	91.67, -30.91, 57.41
CIElCh	92, 65.199, 118.297
Yxy	79.9757, 0.3626, 0.4691
Android (android.graphics.Color)	4291884404 (0xFFD0F574)
YUV	219.2310, -50.8929, -9.8496
Hunter-Lab	89.4291, -33.1141, 43.5716

Details

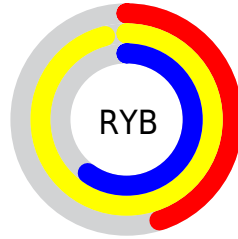
The RGB color **208, 245, 116** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **153, 116, 245**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 171**, and **151, 189, 62** is the 20% darker color. If you saturate the color by 10%, you get **201, 245, 92**, and if you desaturate by 10%, it is **215, 245, 141**.

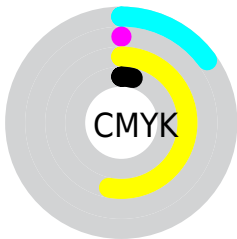
Distribution



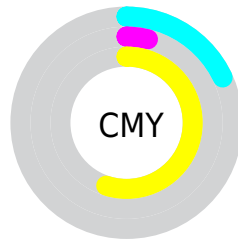
- Red (82%)
- Green (96%)
- Blue (45%)



- Red (45%)
- Yellow (96%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 245, 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 208, 245, 116 by changing the saturation by 10% instead.

 208, 245, 116

255, 255, 255


 255, 255, 171


 255, 255, 199

 255, 255, 228

 208, 245, 116

 179, 216, 89


 151, 189, 62

 123, 162, 33

 96, 135, 0

 69, 110, 0

 43, 85, 0


 11, 62, 0

 0, 40, 0


 0, 11, 0

 208, 245, 116

 208, 245, 116

 201, 245, 92


 215, 245, 141

 194, 245, 67

 222, 245, 165

 187, 245, 43

 229, 245, 190

 180, 245, 18

 236, 245, 214

 175, 245, 0

 243, 245, 239

 250, 245, 255

 255, 245, 255

Harmonies

Analogous

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



255, 226, 101



208, 245, 116



128, 255, 163

Triad

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



208, 245, 116



0, 254, 255



255, 178, 237

Complementary

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



208, 245, 116



153, 116, 245

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, 192, 255



208, 245, 116



102, 239, 255

Square

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



208, 245, 116



0, 255, 255



229, 216, 255



255, 183, 175

Rectangle

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



208, 245, 116



10, 255, 204



229, 216, 255



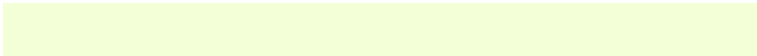
255, 181, 255

Sweetspot

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



208, 245, 116



243, 255, 214



245, 153, 116



121, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



208, 245, 116



209, 255, 94



144, 245, 116



119, 122, 110



133, 186, 0



42, 59, 0

Inverse Universe

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



153, 116, 245



140, 94, 255



217, 116, 245



114, 110, 122



53, 0, 186



17, 0, 59

Previews

White Background



This preview shows how the RGB color 208, 245, 116 looks on a white background.

Color Contrast Check

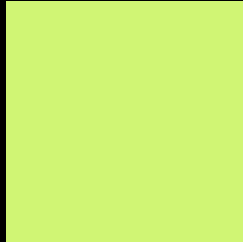
Large Text (above 18pt) WCAG AA × Fail

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 208, 245, 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 208, 245, 116 Background



This preview shows how black text looks on a background with the RGB color 208, 245, 116.

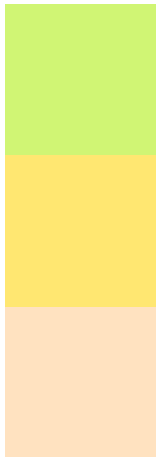


This preview shows how white text looks on a background with the RGB color 208, 245, 116.

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
208, 245, 116

Protanopia
255, 231, 113

Deuteranopia
255, 226, 192



Tritanopia

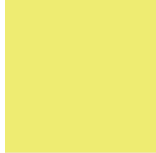
224, 231, 249

Trichromacy



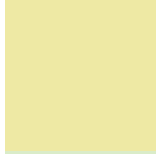
Original Color

208, 245, 116



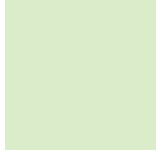
Protanomaly

238, 236, 114



Deuteranomaly

238, 233, 164



Tritanomaly

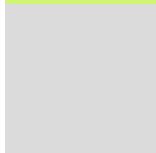
218, 236, 201

Monochromacy



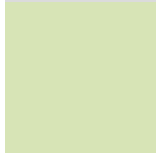
Original Color

208, 245, 116



Achromatopsia

219, 219, 219



Achromatomaly

215, 228, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 245, 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(208, 245, 116)` looks like.

```
.text, #text, p{  
    color:rgb(208, 245, 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(208, 245, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 245, 116) }
```

Border

The CSS property to change the border of an element to RGB 208, 245, 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(208, 245, 116) }
```

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

```
.border{ border-color:rgb(208, 245, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 245, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 245, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 245, 116); box-shadow:4px 4px 4px 4px rgb(208, 245, 116) }
```

Background

The CSS property to change the background color of an element to RGB 208, 245, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 245, 116) }
```

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

```
.background{ background-color: rgb(208,  
245, 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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