

Converting Colors

RGB(206, 255, 138)

Have a look what the booklet for
RGB(206, 255, 138) contains.

RGB(206, 255, 138)	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(206, 255, 138)

Conversions

Conversions Part 1

Format	Color
Hex	CEFF8A
RGB	206, 255, 138
RGB Percent	81%, 100%, 54%
CMY	0.1922, 0.0000, 0.4588
CMYK	0.19, 0.00, 0.46, 0.00
HSL	85°, 100%, 77%
HSV	85°, 46%, 100%
XYZ	65.8010, 86.4768, 37.2684
YIQ	227.0110, 8.3530, -46.7750

Conversions

Conversions Part 2

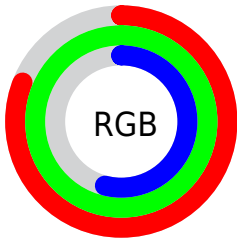
Format	Color
RYB	138, 255, 187
Decimal	13565834
CIELab	94.52, -34.04, 50.64
CIElCh	95, 61.021, 123.910
Yxy	86.4768, 0.3472, 0.4562
Android (android.graphics.Color)	4291755914 (0xFFCEFF8A)
YUV	227.0110, -43.8824, -18.4266
Hunter-Lab	92.9929, -36.4324, 41.3336

Details

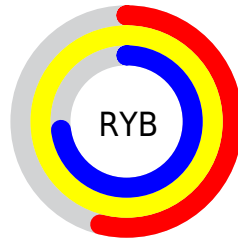
The RGB color **206, 255, 138** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **187, 138, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 193**, and **150, 198, 85** is the 20% darker color. If you saturate the color by 10%, you get **195, 255, 113**, and if you desaturate by 10%, it is **217, 255, 163**.

Distribution



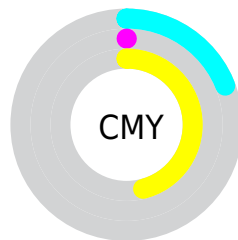
- Red (81%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 255, 138 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 206, 255, 138 by changing the saturation by 10% instead.

 206, 255, 138

255, 255, 255

 255, 255, 193

 255, 255, 222

 255, 255, 251

 206, 255, 138

 177, 226, 111

 150, 198, 85

 122, 171, 59

 95, 144, 31

 69, 118, 0

 42, 93, 0

 10, 69, 0

 0, 46, 0

 0, 24, 0

■ 206, 255, 138

■ 206, 255, 138

■ 195, 255, 113

■ 217, 255, 163

■ 185, 255, 87

■ 227, 255, 189

■ 174, 255, 62

■ 238, 255, 215

■ 163, 255, 36

■ 249, 255, 240

■ 153, 255, 11

255, 255, 255

■ 148, 255, 0

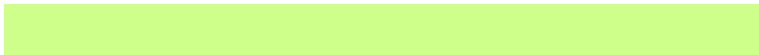
Harmonies

Analogous

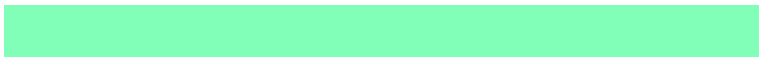
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 238, 118



206, 255, 138



129, 255, 185

Triad

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



206, 255, 138



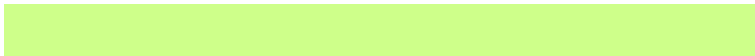
0, 255, 255



255, 190, 234

Complementary

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



206, 255, 138



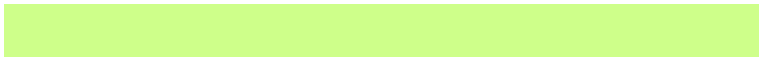
187, 138, 255

Split Complementary

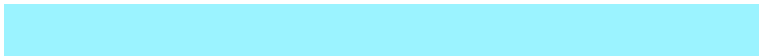
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



206, 255, 138



155, 243, 255

Square

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



206, 255, 138



0, 255, 255



254, 221, 255



255, 198, 177

Rectangle

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



206, 255, 138



36, 255, 225



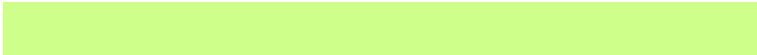
254, 221, 255



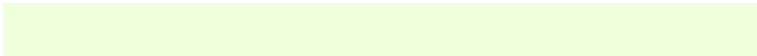
255, 192, 254

Sweetspot

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



206, 255, 138



240, 255, 219



255, 187, 138



118, 128, 106



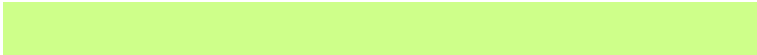
0, 0, 0



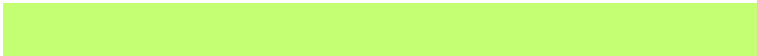
128, 128, 128

Same Dimension

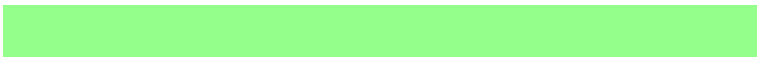
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 255, 138



196, 255, 115



148, 255, 138



122, 128, 115



111, 191, 0



37, 64, 0

Inverse Universe

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



187, 138, 255



173, 115, 255



245, 138, 255



120, 115, 128



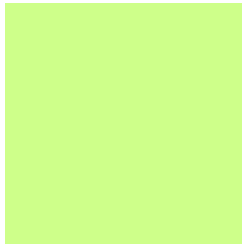
80, 0, 191



27, 0, 64

Previews

White Background



This preview shows how the RGB color 206, 255, 138 looks on a white background.

Color Contrast Check

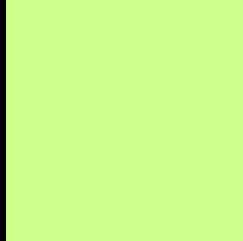
Large Text (above 18pt) WCAG AA × Fail

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 206, 255, 138 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 206, 255, 138 Background



This preview shows how black text looks on a background with the RGB color 206, 255, 138.

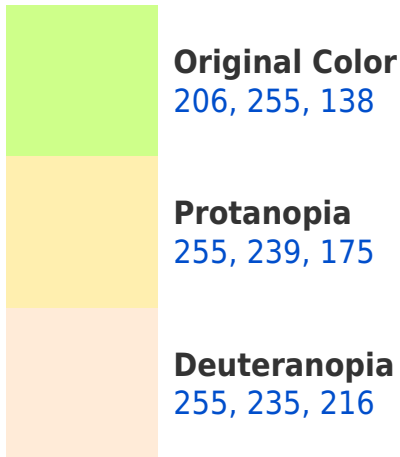


This preview shows how white text looks on a background with the RGB color 206, 255, 138.

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

227, 240, 255

Trichromacy



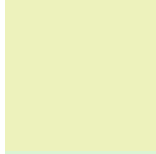
Original Color

206, 255, 138



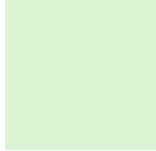
Protanomaly

237, 245, 162



Deuteranomaly

237, 242, 188



Tritanomaly

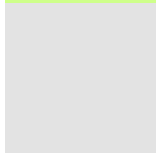
219, 245, 212

Monochromacy



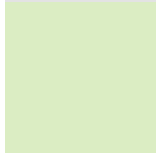
Original Color

206, 255, 138



Achromatopsia

227, 227, 227



Achromatomaly

219, 237, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 255, 138 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(206, 255, 138)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 138)  
}
```

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(206, 255, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 138) }
```

Border

The CSS property to change the border of an element to RGB 206, 255, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

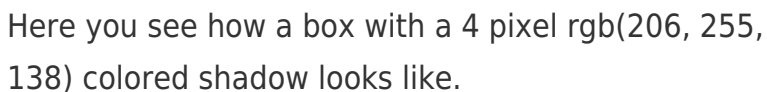
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 255, 138) }
```

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

```
.border{ border-color:rgb(206, 255, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 255, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 255, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 255, 138); box-shadow:4px 4px 4px 4px rgb(206, 255, 138) }
```

Background

The CSS property to change the background color of an element to RGB 206, 255, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 138) }
```

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

```
.background{ background-color: rgb(206,  
255, 138) }
```

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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