

Converting Colors

RGB(210, 252, 136)

Have a look what the booklet for
RGB(210, 252, 136) contains.

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Color

RGB(210, 252, 136)

Conversions

Conversions Part 1

Format	Color
Hex	D2FC88
RGB	210, 252, 136
RGB Percent	82%, 99%, 53%
CMY	0.1765, 0.0118, 0.4667
CMYK	0.17, 0.00, 0.46, 0.01
HSL	82°, 95%, 76%
HSV	82°, 46%, 99%
XYZ	65.8327, 85.1000, 36.2487
YIQ	226.2180, 12.2040, -44.9800

Conversions

Conversions Part 2

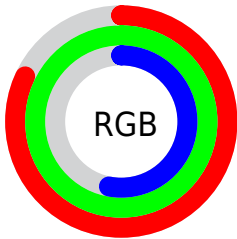
Format	Color
RYB	136, 252, 178
Decimal	13827208
CIELab	93.93, -31.43, 50.91
CIElCh	94, 59.834, 121.688
Yxy	85.1000, 0.3517, 0.4546
Android (android.graphics.Color)	4292017288 (0xFFD2FC88)
YUV	226.2180, -44.4775, -14.2232
Hunter-Lab	92.2497, -34.0529, 41.2773

Details

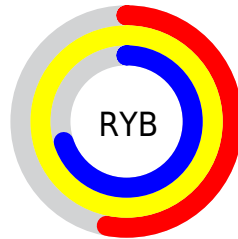
The RGB color **210, 252, 136** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **178, 136, 252**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 191**, and **153, 195, 83** is the 20% darker color. If you saturate the color by 10%, you get **201, 252, 111**, and if you desaturate by 10%, it is **219, 252, 161**.

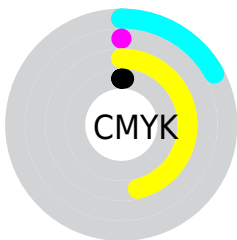
Distribution



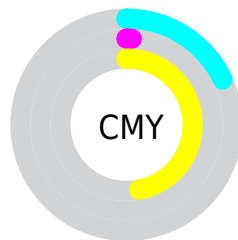
- Red (82%)
- Green (99%)
- Blue (53%)



- Red (53%)
- Yellow (99%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (46%)
- Black (1%)



- Cyan (18%)
- Magenta (1%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 252, 136 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 210, 252, 136 by changing the saturation by 10% instead.

 210, 252, 136

255, 255, 255

 255, 255, 191


 255, 255, 220

 255, 255, 249

 210, 252, 136

 181, 223, 109

 153, 195, 83

 126, 168, 57

 99, 141, 29

 73, 116, 0

 46, 91, 0

 18, 67, 0

 0, 44, 0

 0, 22, 0

■ 210, 252, 136

■ 210, 252, 136

■ 201, 252, 111

■ 219, 252, 161

■ 192, 252, 86

■ 228, 252, 186

■ 183, 252, 60

■ 237, 252, 212

■ 174, 252, 35

■ 246, 252, 237

■ 164, 252, 10

■ 255, 252, 255

■ 161, 252, 0

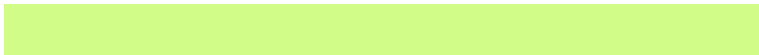
Harmonies

Analogous

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



255, 235, 119



210, 252, 136



137, 255, 181

Triad

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



210, 252, 136



0, 255, 255



255, 190, 237

Complementary

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



210, 252, 136



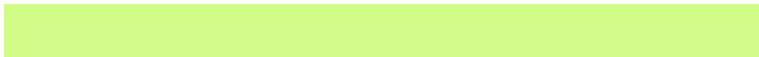
178, 136, 252

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



210, 252, 136



147, 242, 255

Square

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



210, 252, 136



0, 255, 255



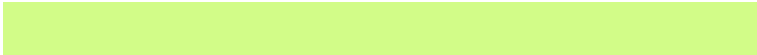
247, 221, 255



255, 196, 180

Rectangle

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



210, 252, 136



61, 255, 219



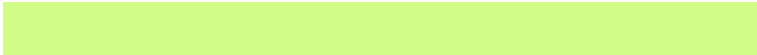
247, 221, 255



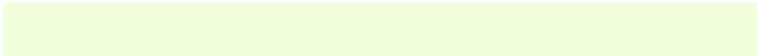
255, 192, 255

Sweetspot

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



210, 252, 136



242, 255, 219



252, 177, 136



120, 128, 106



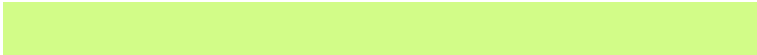
0, 0, 0



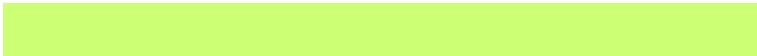
128, 128, 128

Same Dimension

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



210, 252, 136



204, 255, 115



153, 252, 136



120, 125, 112



120, 189, 0



39, 61, 0

Inverse Universe

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



178, 136, 252



166, 115, 255



235, 136, 252



117, 112, 125



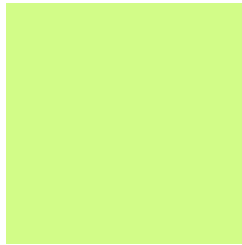
68, 0, 189



22, 0, 61

Previews

White Background



This preview shows how the RGB color 210, 252, 136 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 210, 252, 136 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 210, 252, 136 Background



This preview shows how black text looks on a background with the RGB color 210, 252, 136.

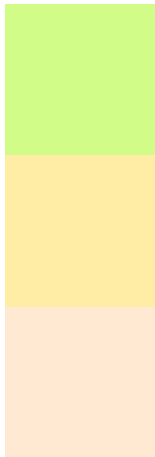


This preview shows how white text looks on a background with the RGB color 210, 252, 136.

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
210, 252, 136

Protanopia
255, 237, 165

Deuteranopia
255, 233, 211



Tritanopia
227, 238, 255

Trichromacy



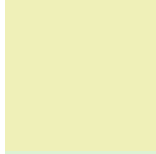
Original Color

210, 252, 136



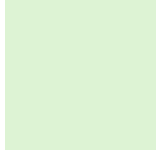
Protanomaly

239, 242, 154



Deuteranomaly

239, 240, 184



Tritanomaly

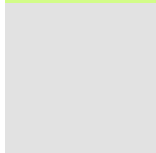
221, 243, 212

Monochromacy



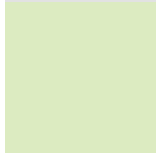
Original Color

210, 252, 136



Achromatopsia

226, 226, 226



Achromatomaly

220, 235, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 252, 136 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(210, 252, 136)` looks like.

```
.text, #text, p{  
    color:rgb(210, 252, 136)  
}
```

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(210, 252, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 252, 136) }
```

Border

The CSS property to change the border of an element to RGB 210, 252, 136 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(210, 252, 136) }
```

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

```
.border{ border-color:rgb(210, 252, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 252, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 252, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 252, 136);  
box-shadow:4px 4px 4px 4px rgb(210, 252,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 210, 252, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 252, 136) }
```

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

```
.background{ background-color: rgb(210,  
252, 136) }
```

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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