

Converting Colors

RGB(244, 250, 128)

Have a look what the booklet for
RGB(244, 250, 128) contains.

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Color

RGB(244, 250, 128)

Conversions

Conversions Part 1

Format	Color
Hex	F4FA80
RGB	244, 250, 128
RGB Percent	96%, 98%, 50%
CMY	0.0431, 0.0196, 0.4980
CMYK	0.02, 0.00, 0.49, 0.02
HSL	63°, 92%, 74%
HSV	63°, 49%, 98%
XYZ	75.3901, 89.1628, 33.6587
YIQ	234.2980, 35.5860, -39.2140

Conversions

Conversions Part 2

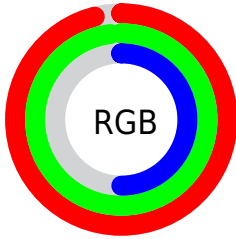
Format	Color
RYB	128, 250, 134
Decimal	16054912
CIELab	95.65, -18.41, 57.27
CIELCh	96, 60.152, 107.818
Yxy	89.1628, 0.3804, 0.4498
Android (android.graphics.Color)	4294244992 (0xFFFF4FA80)
YUV	234.2980, -52.4049, 8.5087
Hunter-Lab	94.4261, -22.7306, 44.9640

Details

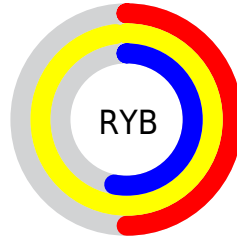
The RGB color **244, 250, 128** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **134, 128, 250**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 183**, and **186, 194, 74** is the 20% darker color. If you saturate the color by 10%, you get **243, 250, 103**, and if you desaturate by 10%, it is **245, 250, 153**.

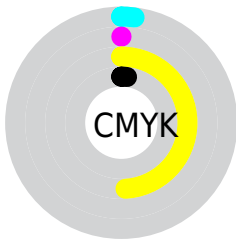
Distribution



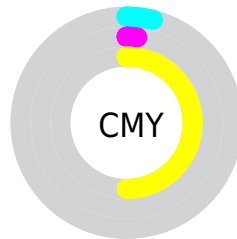
- Red (96%)
- Green (98%)
- Blue (50%)



- Red (50%)
- Yellow (98%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (49%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 250, 128 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 244, 250, 128 by changing the saturation by 10% instead.

 244, 250, 128

255, 255, 255

 255, 255, 183

 255, 255, 212

 255, 255, 241

 244, 250, 128

 215, 221, 101

 186, 194, 74

 157, 167, 47

 130, 140, 13

 102, 115, 0

 76, 90, 0

 50, 67, 0

 24, 45, 0


 0, 26, 0

 244, 250, 128


 244, 250, 128

 243, 250, 103

 245, 250, 153

 242, 250, 78

 246, 250, 178

 240, 250, 53

 248, 250, 203

 239, 250, 28

 249, 250, 228

 238, 250, 3

 250, 250, 253

 238, 250, 0

 251, 250, 255

 253, 250, 255

 254, 250, 255

 255, 250, 255

Harmonies

Analogous

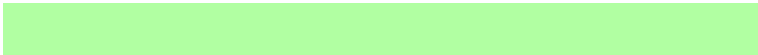
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 127



244, 250, 128



177, 255, 162

Triad

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



244, 250, 128



0, 255, 255



255, 197, 255

Complementary

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



244, 250, 128



134, 128, 250

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, 214, 255



244, 250, 128



83, 255, 255

Square

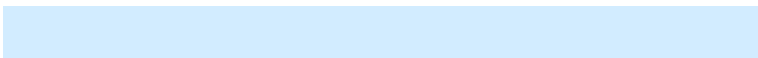
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244, 250, 128



0, 255, 255



210, 236, 255



255, 196, 210

Rectangle

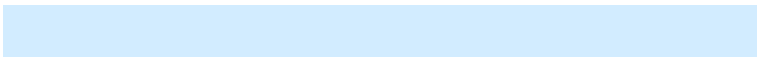
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244, 250, 128



122, 255, 196



210, 236, 255



255, 202, 255

Sweetspot

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



244, 250, 128



253, 255, 217



250, 132, 128



126, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



244, 250, 128



248, 255, 105



185, 250, 128



124, 125, 112



179, 189, 0



58, 61, 0

Inverse Universe

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



134, 128, 250



112, 105, 255



193, 128, 250



113, 112, 125



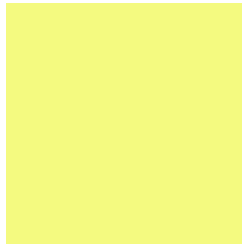
9, 0, 189



3, 0, 61

Previews

White Background



This preview shows how the RGB color 244, 250, 128 looks on a white background.

Color Contrast Check

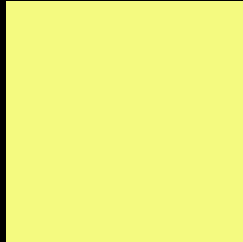
Large Text (above 18pt) WCAG AA × Fail

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 244, 250, 128 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 244, 250, 128 Background



This preview shows how black text looks on a background with the RGB color 244, 250, 128.

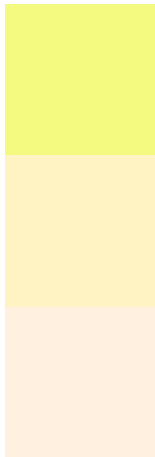


This preview shows how white text looks on a background with the RGB color 244, 250, 128.

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
244, 250, 128

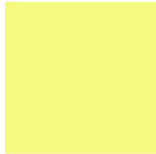
Protanopia
255, 242, 195

Deuteranopia
255, 240, 224



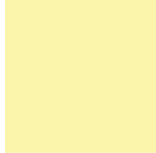
Tritanopia
255, 237, 252

Trichromacy



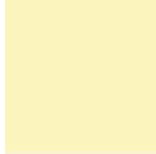
Original Color

244, 250, 128



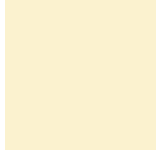
Protanomaly

251, 245, 171



Deuteranomaly

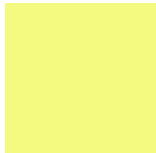
251, 244, 189



Tritanomaly

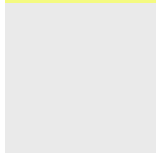
251, 242, 207

Monochromacy



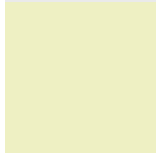
Original Color

244, 250, 128



Achromatopsia

234, 234, 234



Achromatomaly

238, 240, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 250, 128 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(244, 250, 128)` looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 128)  
}
```

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(244, 250, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 128) }
```

Border

The CSS property to change the border of an element to RGB 244, 250, 128 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(244, 250, 128) }
```

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

```
.border{ border-color:rgb(244, 250, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 250, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 128);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 244, 250, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 128) }
```

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

```
.background{ background-color: rgb(244,  
250, 128) }
```

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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