

Converting Colors

RGB(245, 246, 122)

Have a look what the booklet for
RGB(245, 246, 122) contains.

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Color

RGB(245, 246, 122)

Conversions

Conversions Part 1

Format	Color
Hex	F5F67A
RGB	245, 246, 122
RGB Percent	96%, 96%, 48%
CMY	0.0392, 0.0353, 0.5216
CMYK	0.00, 0.00, 0.50, 0.04
HSL	60°, 87%, 72%
HSV	60°, 50%, 96%
XYZ	74.1248, 86.7292, 31.2460
YIQ	231.5650, 39.2080, -38.7760

Conversions

Conversions Part 2

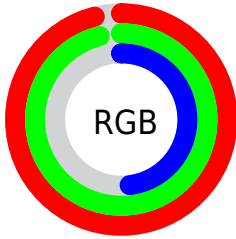
Format	Color
RYB	122, 246, 123
Decimal	16119418
CIELab	94.62, -16.59, 58.81
CIELCh	95, 61.106, 105.754
Yxy	86.7292, 0.3859, 0.4515
Android (android.graphics.Color)	4294309498 (0xFFFF5F67A)
YUV	231.5650, -54.0155, 11.7825
Hunter-Lab	93.1285, -20.8993, 45.2973

Details

The RGB color **245, 246, 122** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **123, 122, 246**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 177**, and **186, 190, 68** is the 20% darker color. If you saturate the color by 10%, you get **245, 246, 97**, and if you desaturate by 10%, it is **245, 246, 147**.

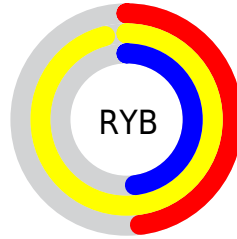
Distribution



Red (96%)

Green (96%)

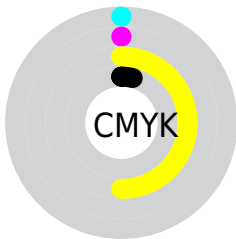
Blue (48%)



Red (48%)

Yellow (96%)

Blue (48%)

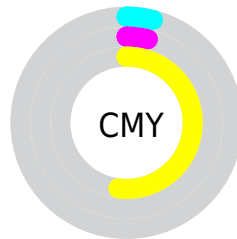


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 246, 122 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 245, 246, 122 by changing the saturation by 10% instead.

 245, 246, 122


255, 255, 255

 255, 255, 177

 255, 255, 206

 255, 255, 235

 245, 246, 122

 215, 218, 95

 186, 190, 68

 158, 163, 40

 130, 137, 0

 103, 111, 0

 77, 87, 0


 50, 64, 0

 25, 42, 0


 0, 23, 0

 245, 246, 122

 245, 246, 122

 245, 246, 97


 245, 246, 147

 245, 246, 73

 245, 246, 171

 244, 246, 48

 246, 246, 196

 244, 246, 24

 246, 246, 220

 244, 246, 0

 246, 246, 245

 246, 246, 255

 246, 246, 255

 247, 246, 255

 247, 246, 255

Harmonies

Analogous

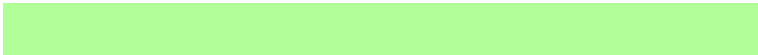
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 226, 124



245, 246, 122



178, 255, 154

Triad

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



245, 246, 122



0, 255, 255



255, 194, 255

Complementary

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



245, 246, 122



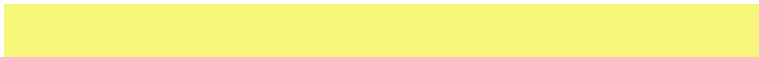
123, 122, 246

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, 212, 255



245, 246, 122



51, 254, 255

Square

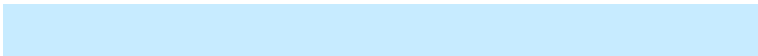
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 246, 122



0, 255, 255



199, 235, 255



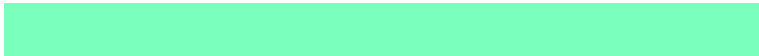
255, 192, 210

Rectangle

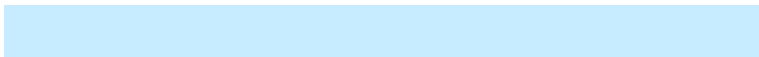
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 246, 122



123, 255, 189



199, 235, 255



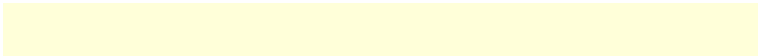
255, 199, 255

Sweetspot

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



245, 246, 122



255, 255, 217



246, 122, 122



127, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



245, 246, 122



254, 255, 102



184, 246, 122



122, 122, 110



185, 186, 0



58, 59, 0

Inverse Universe

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



123, 122, 246



103, 102, 255



184, 122, 246



110, 110, 122



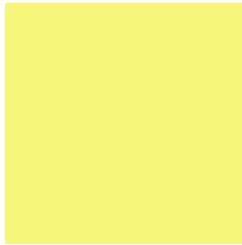
2, 0, 186



0, 0, 59

Previews

White Background



This preview shows how the RGB color 245, 246, 122 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 245, 246, 122 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 245, 246, 122 Background



This preview shows how black text looks on a background with the RGB color 245, 246, 122.

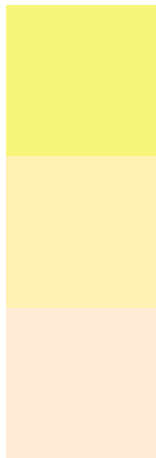


This preview shows how white text looks on a background with the RGB color 245, 246, 122.

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
245, 246, 122

Protanopia
255, 240, 179

Deuteranopia
255, 236, 216



Tritanopia

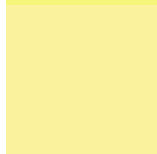
255, 233, 248

Trichromacy



Original Color

245, 246, 122



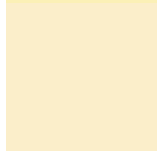
Protanomaly

251, 242, 158



Deuteranomaly

251, 240, 182



Tritanomaly

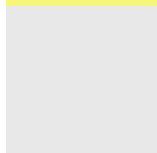
251, 238, 202

Monochromacy



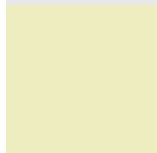
Original Color

245, 246, 122



Achromatopsia

232, 232, 232



Achromatomaly

237, 237, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 246, 122 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(245, 246, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 122)  
}
```

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(245, 246, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 122) }
```

Border

The CSS property to change the border of an element to RGB 245, 246, 122 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(245, 246, 122) }
```

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

```
.border{ border-color:rgb(245, 246, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 122);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 245, 246, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 122) }
```

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

```
.background{ background-color: rgb(245,  
246, 122) }
```

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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