Converting Colors

RGB(248, 245, 139)

Have a look what the booklet for RGB(248, 245, 139) contains.

Color

RGB(248, 245, 139)

Conversions

Conversions Part 1

Format	Color
Hex	F8F58B
RGB	248, 245, 139
RGB Percent	97%, 96%, 55%
CMY	0.0275, 0.0392, 0.4549
CMYK	0.00, 0.01, 0.44, 0.03
HSL	58°, 89%, 76%
HSV	58°, 44%, 97%
XYZ	76.0240, 87.1254, 37.2361
YIQ	233.8130, 35.8140, -32.3300

Conversions

Conversions Part 2

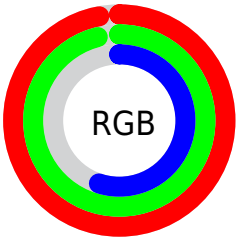
Format	Color
RYB	142, 248, 139
Decimal	16315787
CIELab	94.79, -13.42, 51.16
CIELCh	95, 52.889, 104.697
Yxy	87.1254, 0.3794, 0.4348
Android (android.graphics.Color)	4294505867 (0xFFF8F58B)
YUV	233.8130, -46.7428, 12.4420
Hunter-Lab	93.3410, -17.9627, 41.6864

Details

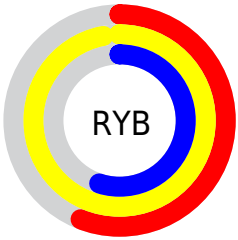
The RGB color 248, 245, 139 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 139, 142, 248, and the grayscale version is 234, 234, 234.

A 20% lighter version of the original color is 255, 255, 194, and 190, 189, 86 is the 20% darker color. If you saturate the color by 10%, you get 248, 244, 114, and if you desaturate by 10%, it is 248, 246, 164.

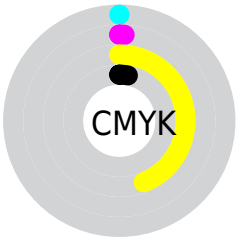
Distribution



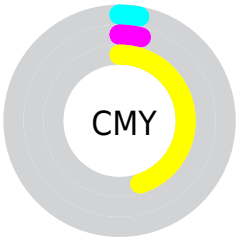
- Red (97%)
- Green (96%)
- Blue (55%)



- Red (56%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (1%)
- Yellow (44%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 245, 139 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 248, 245, 139 by changing the saturation by 10% instead.

248, 245, 139

255, 255, 255

255, 255, 194

255, 255, 223

255, 255, 252

248, 245, 139

219, 217, 112

190, 189, 86

162, 162, 60

134, 136, 33

107, 111, 0

81, 86, 0

55, 63, 0

30, 41, 0

0, 22, 0

248, 245, 139

248, 244, 114

248, 244, 89

248, 243, 65

248, 242, 40

248, 242, 15

248, 241, 0

248, 245, 139

248, 246, 164

248, 246, 189

248, 247, 213

248, 248, 238

248, 248, 255

248, 249, 255

248, 250, 255

248, 250, 255

248, 251, 255

Harmonies

Analogous

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

255, 228, 141

248, 245, 139

191, 255, 165

Triad

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

248, 245, 139

0, 255, 255

255, 203, 255

Complementary

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

248, 245, 139

139, 142, 248

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, 217, 255

248, 245, 139

109, 253, 255

Square

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

248, 245, 139

0, 255, 255

205, 236, 255

255, 200, 217

Rectangle

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

248, 245, 139

147, 255, 195

205, 236, 255

255, 207, 255

Sweetspot

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

248, 245, 139

255, 254, 222

248, 139, 143

128, 127, 107

0, 0, 0

128, 128, 128

Same Dimension

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

248, 245, 139

255, 251, 120

197, 248, 139

125, 125, 112

189, 184, 0

61, 60, 0

Inverse Universe

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

139, 142, 248

120, 124, 255

190, 139, 248

112, 113, 125

0, 5, 189

0, 2, 61

Previews

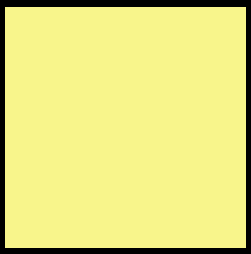
White Background

This preview shows how the RGB color 248, 245, 139 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



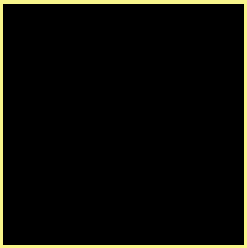
This preview shows how the RGB color 248, 245, 139 looks on a black background.

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 248, 245, 139 Background



This preview shows how black text looks on a background with the RGB color 248, 245, 139.

This preview shows how white text looks on a background with the RGB color 248, 245, 139.

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
248, 245, 139

Protanopia
255, 240, 183

Deuteranopia
255, 237, 219

Tritanopia
255, 234, 248

Trichromacy

Original Color
248, 245, 139

Protanomaly
252, 242, 167

Deuteranomaly
252, 240, 190

Tritanomaly
252, 238, 208

Monochromacy

Original Color
248, 245, 139

Achromatopsia
234, 234, 234

Achromatomaly
239, 238, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 245, 139 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(248, 245, 139) looks like.

```
.text, #text, p{
    color:rgb(248, 245, 139)
}
```

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(248, 245, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 139) }
```

Border

The CSS property to change the border of an element to RGB 248, 245, 139 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(248, 245, 139) }
```

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

```
.border{ border-color:rgb(248, 245, 139) }
```

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

Here you see how a box with a 4 pixel rgb(248, 245, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 245, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 245, 139); box-shadow:4px 4px 4px 4px rgb(248, 245, 139) }
```

Background

The CSS property to change the background color of an element to RGB 248, 245, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(248, 245, 139) }
```

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

```
.background{ background-color:rgb(248,
245, 139) }
```

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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