

Converting Colors

RGB(250, 242, 118)

Have a look what the booklet for
RGB(250, 242, 118) contains.

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Color

RGB(250, 242, 118)

Conversions

Conversions Part 1

Format	Color
Hex	FAF276
RGB	250, 242, 118
RGB Percent	98%, 95%, 46%
CMY	0.0196, 0.0510, 0.5373
CMYK	0.00, 0.03, 0.53, 0.02
HSL	56°, 93%, 72%
HSV	56°, 53%, 98%
XYZ	74.4465, 85.1363, 29.6487
YIQ	230.2560, 44.5720, -36.8680

Conversions

Conversions Part 2

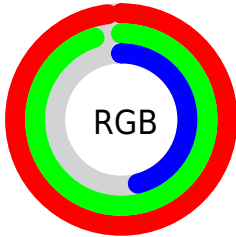
Format	Color
RYB	127, 250, 118
Decimal	16446070
CIELab	93.94, -12.99, 59.92
CIElCh	94, 61.314, 102.230
Yxy	85.1363, 0.3934, 0.4499
Android (android.graphics.Color)	4294636150 (0xFFFAF276)
YUV	230.2560, -55.3422, 17.3155
Hunter-Lab	92.2693, -17.4505, 45.5370

Details

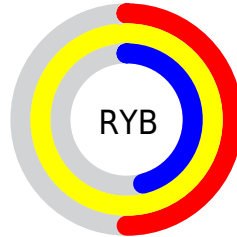
The RGB color **250, 242, 118** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **118, 126, 250**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 173**, and **191, 186, 64** is the 20% darker color. If you saturate the color by 10%, you get **250, 240, 93**, and if you desaturate by 10%, it is **250, 244, 143**.

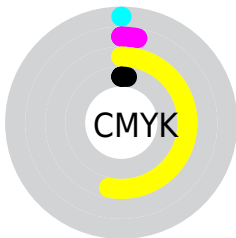
Distribution



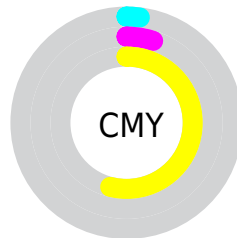
- Red (98%)
- Green (95%)
- Blue (46%)



- Red (50%)
- Yellow (98%)
- Blue (46%)



- Cyan (0%)
- Magenta (3%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 242, 118 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 250, 242, 118 by changing the saturation by 10% instead.

 250, 242, 118

255, 255, 255


 255, 255, 173

 255, 255, 201

 255, 255, 230

 250, 242, 118

 220, 214, 91

 191, 186, 64

 162, 159, 35

 134, 133, 0

 107, 108, 0

 81, 84, 0

 54, 61, 0

 29, 39, 0

 0, 20, 0

250, 242, 118

250, 242, 118

250, 240, 93

250, 244, 143

250, 239, 68

250, 245, 168

250, 237, 43

250, 247, 193

250, 236, 18

250, 248, 218

250, 235, 0

250, 250, 243

250, 251, 255

250, 253, 255

250, 254, 255

250, 255, 255

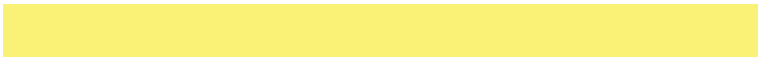
Harmonies

Analogous

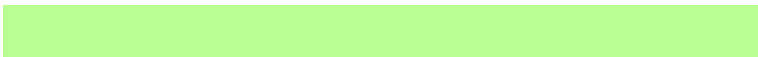
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 222, 124



250, 242, 118



185, 255, 147

Triad

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



250, 242, 118



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.



250, 242, 118



118, 126, 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, 213, 255



250, 242, 118



0, 254, 255

Square

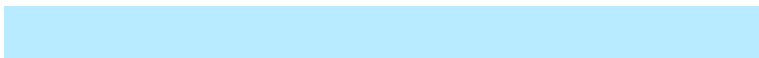
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 242, 118



0, 255, 255



184, 235, 255



255, 189, 215

Rectangle

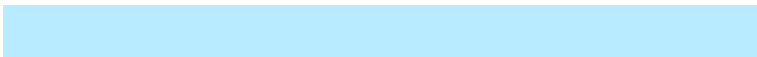
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 242, 118



132, 255, 180



184, 235, 255



255, 199, 255

Sweetspot

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



250, 242, 118



255, 253, 214



250, 118, 127



128, 126, 103



0, 0, 0



128, 128, 128

Same Dimension

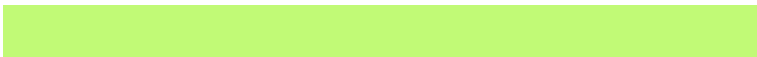
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 242, 118



255, 245, 94



193, 250, 118



125, 124, 112



189, 177, 0



61, 57, 0

Inverse Universe

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



118, 126, 250



94, 104, 255



175, 118, 250



112, 113, 125



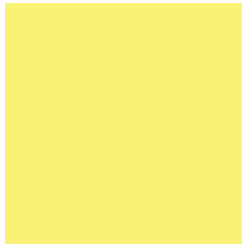
0, 11, 189



0, 4, 61

Previews

White Background



This preview shows how the RGB color 250, 242, 118 looks on a white background.

Color Contrast Check

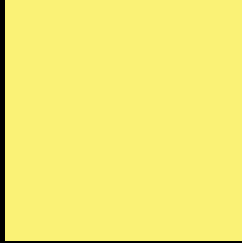
Large Text (above 18pt) WCAG AA × Fail

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 250, 242, 118 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 250, 242, 118 Background



This preview shows how black text looks on a background with the RGB color 250, 242, 118.

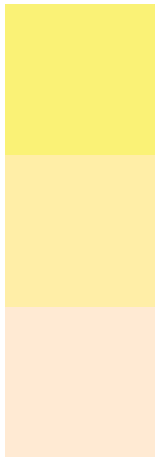


This preview shows how white text looks on a background with the RGB color 250, 242, 118.

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
250, 242, 118

Protanopia
255, 238, 167

Deuteranopia
255, 234, 211



Tritanopia

255, 231, 243

Trichromacy



Original Color

250, 242, 118



Protanomaly

253, 239, 149



Deuteranomaly

253, 237, 177



Tritanomaly

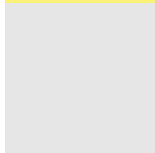
253, 235, 198

Monochromacy



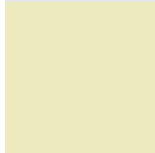
Original Color

250, 242, 118



Achromatopsia

230, 230, 230



Achromatomaly

237, 234, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 242, 118 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(250, 242, 118)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 118)  
}
```

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(250, 242, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 118) }
```

Border

The CSS property to change the border of an element to RGB 250, 242, 118 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(250, 242, 118) }
```

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

```
.border{ border-color:rgb(250, 242, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 118);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 250, 242, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 118) }
```

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

```
.background{ background-color: rgb(250,  
242, 118) }
```

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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