

Converting Colors

RGB(242, 237, 126)

Have a look what the booklet for
RGB(242, 237, 126) contains.

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Color

RGB(242, 237, 126)

Conversions

Conversions Part 1

Format	Color
Hex	F2ED7E
RGB	242, 237, 126
RGB Percent	95%, 93%, 49%
CMY	0.0510, 0.0706, 0.5059
CMYK	0.00, 0.02, 0.48, 0.05
HSL	57°, 82%, 72%
HSV	57°, 48%, 95%
XYZ	70.6680, 80.9520, 31.6394
YIQ	225.8410, 38.6110, -33.4610

Conversions

Conversions Part 2

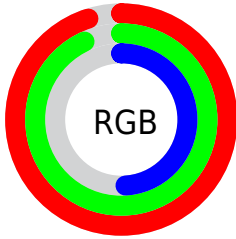
Format	Color
RYB	131, 242, 126
Decimal	15920510
CIELab	92.11, -13.03, 53.93
CIELCh	92, 55.478, 103.581
Yxy	80.9520, 0.3856, 0.4417
Android (android.graphics.Color)	4294110590 (0xFFFF2ED7E)
YUV	225.8410, -49.2216, 14.1714
Hunter-Lab	89.9733, -17.2535, 42.1318

Details

The RGB color **242, 237, 126** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **126, 131, 242**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 181**, and **184, 181, 73** is the 20% darker color. If you saturate the color by 10%, you get **242, 236, 102**, and if you desaturate by 10%, it is **242, 238, 150**.

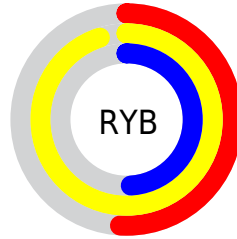
Distribution



Red (95%)

Green (93%)

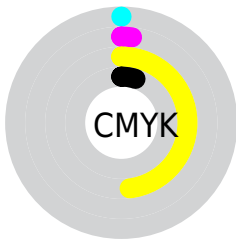
Blue (49%)



Red (51%)

Yellow (95%)

Blue (49%)

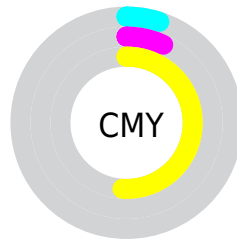


Cyan (0%)

Magenta (2%)

Yellow (48%)

Black (5%)



Cyan (5%)

Magenta (7%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 237, 126 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 242, 237, 126 by changing the saturation by 10% instead.

 242, 237, 126

 242, 237, 126

255, 255, 255

 213, 209, 99

 255, 255, 181


 184, 181, 73

 255, 255, 209

 156, 155, 46

 255, 255, 238

 128, 129, 15

 101, 104, 0

 75, 80, 0

 49, 57, 0

 24, 36, 0


 0, 14, 0

 242, 237, 126


 242, 237, 126

 242, 236, 102


 242, 238, 150

 242, 235, 78

 242, 239, 174

 242, 234, 53

 242, 240, 199

 242, 233, 29

 242, 241, 223

 242, 232, 5

 242, 242, 247

 242, 232, 0

 242, 243, 255

 242, 244, 255

 242, 245, 255

 242, 246, 255

Harmonies

Analogous

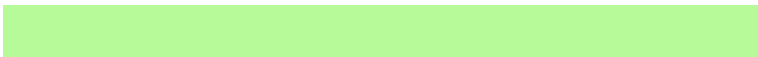
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 219, 130



242, 237, 126



183, 250, 153

Triad

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



242, 237, 126



0, 255, 255



255, 193, 255

Complementary

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



242, 237, 126



126, 131, 242

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, 209, 255



242, 237, 126



76, 246, 255

Square

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



242, 237, 126



0, 255, 255



191, 229, 255



255, 190, 210

Rectangle

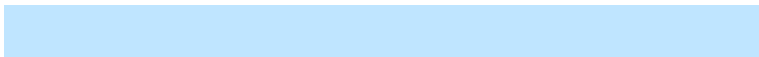
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 237, 126



136, 255, 183



191, 229, 255



255, 197, 255

Sweetspot

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



242, 237, 126



255, 253, 219



242, 126, 132



128, 127, 106



0, 0, 0



128, 128, 128

Same Dimension

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



242, 237, 126



255, 249, 107



190, 242, 126



120, 119, 108



184, 176, 0



56, 54, 0

Inverse Universe

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



126, 131, 242



107, 113, 255



178, 126, 242



108, 108, 120



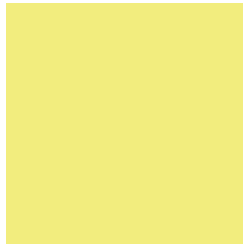
0, 8, 184



0, 2, 56

Previews

White Background



This preview shows how the RGB color 242, 237, 126 looks on a white background.

Color Contrast Check

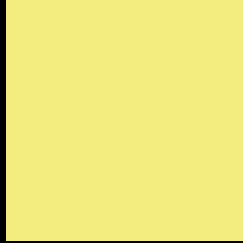
Large Text (above 18pt) WCAG AA × Fail

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 242, 237, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

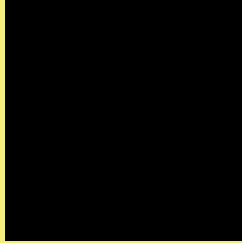
Any Text WCAG AA ✓ Pass

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 242, 237, 126 Background



This preview shows how black text looks on a background with the RGB color 242, 237, 126.



This preview shows how white text looks on a background with the RGB color 242, 237, 126.

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
242, 237, 126

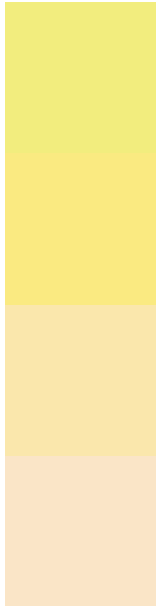
Protanopia
255, 232, 130

Deuteranopia
255, 228, 198



Tritanopia
254, 224, 241

Trichromacy



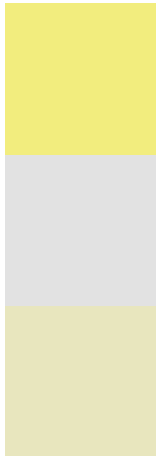
Original Color
242, 237, 126

Protanomaly
250, 234, 129

Deuteranomaly
250, 231, 172

Tritanomaly
250, 229, 199

Monochromacy



Original Color
242, 237, 126

Achromatopsia
226, 226, 226

Achromatomaly
232, 230, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 237, 126 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(242, 237, 126)` looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 126)  
}
```

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(242, 237, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 126) }
```

Border

The CSS property to change the border of an element to RGB 242, 237, 126 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(242, 237, 126) }
```

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

```
.border{ border-color:rgb(242, 237, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 237, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 126);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 242, 237, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 126) }
```

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

```
.background{ background-color: rgb(242,  
237, 126) }
```

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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