

Converting Colors

RGB(242, 233, 134)

Have a look what the booklet for
RGB(242, 233, 134) contains.

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Color

RGB(242, 233, 134)

Conversions

Conversions Part 1

Format	Color
Hex	F2E986
RGB	242, 233, 134
RGB Percent	95%, 91%, 53%
CMY	0.0510, 0.0863, 0.4745
CMYK	0.00, 0.04, 0.45, 0.05
HSL	55°, 81%, 74%
HSV	55°, 45%, 95%
XYZ	70.0599, 78.8763, 34.0864
YIQ	224.4050, 37.1430, -28.8810

Conversions

Conversions Part 2

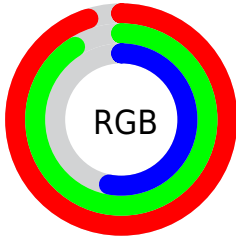
Format	Color
RYB	144, 242, 134
Decimal	15919494
CIELab	91.18, -10.31, 48.99
CIELCh	91, 50.063, 101.888
Yxy	78.8763, 0.3828, 0.4310
Android (android.graphics.Color)	4294109574 (0xFFFF2E986)
YUV	224.4050, -44.5697, 15.4308
Hunter-Lab	88.8123, -14.6112, 39.4130

Details

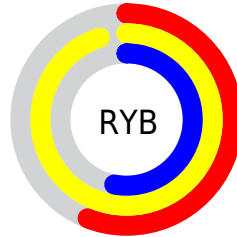
The RGB color **242, 233, 134** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **134, 143, 242**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 189**, and **184, 178, 82** is the 20% darker color. If you saturate the color by 10%, you get **242, 231, 110**, and if you desaturate by 10%, it is **242, 235, 158**.

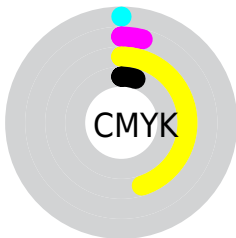
Distribution



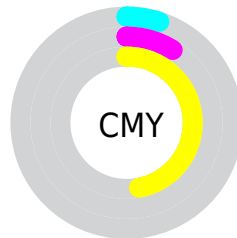
- Red (95%)
- Green (91%)
- Blue (53%)



- Red (56%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (45%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 233, 134 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, 233, 134 by changing the saturation by 10% instead.

 242, 233, 134

 242, 233, 134

255, 255, 255

 213, 205, 108

 255, 255, 189

 184, 178, 82

 255, 255, 217

 156, 151, 56

 255, 255, 246

 129, 125, 29

 102, 100, 0

 76, 77, 0

 50, 54, 0

 26, 33, 0


 0, 8, 0

 242, 233, 134


 242, 233, 134

 242, 231, 110


 242, 235, 158

 242, 229, 86


 242, 237, 182

 242, 227, 61

 242, 239, 207

 242, 225, 37

 242, 241, 231

 242, 223, 13

 242, 243, 255

 242, 222, 0

 242, 245, 255

 242, 247, 255

 242, 249, 255

 242, 251, 255

Harmonies

Analogous

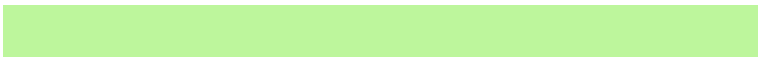
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 217, 139



242, 233, 134



189, 246, 156

Triad

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



242, 233, 134



0, 252, 255



255, 196, 255

Complementary

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



242, 233, 134



134, 143, 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, 210, 255



242, 233, 134



100, 243, 255

Square

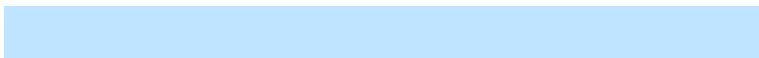
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 233, 134



38, 255, 248



190, 228, 255



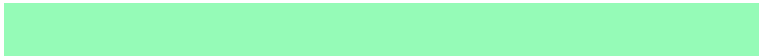
255, 192, 212

Rectangle

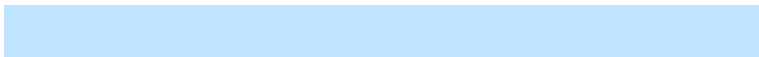
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 233, 134



149, 251, 183



190, 228, 255



255, 200, 255

Sweetspot

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



242, 233, 134



255, 252, 222



242, 134, 143



128, 126, 107



0, 0, 0



128, 128, 128

Same Dimension

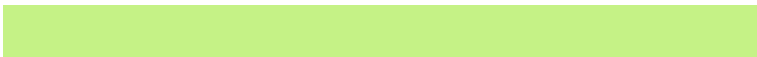
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 233, 134



255, 244, 117



197, 242, 134



120, 119, 108



184, 168, 0



56, 51, 0

Inverse Universe

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



134, 143, 242



117, 129, 255



179, 134, 242



108, 109, 120



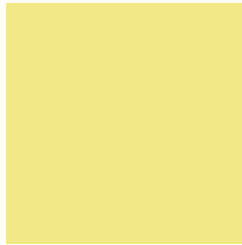
0, 15, 184



0, 5, 56

Previews

White Background



This preview shows how the RGB color 242, 233, 134 looks on a white background.

Color Contrast Check

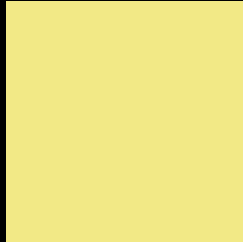
Large Text (above 18pt) WCAG AA × Fail

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, 233, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

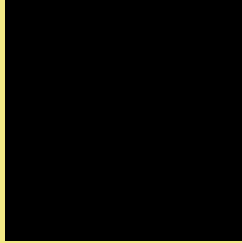
Any Text WCAG AA ✓ Pass

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, 233, 134 Background



This preview shows how black text looks on a background with the RGB color 242, 233, 134.



This preview shows how white text looks on a background with the RGB color 242, 233, 134.

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, 233, 134

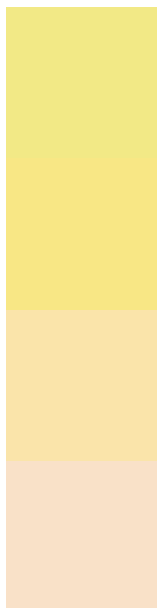
Protanopia
252, 230, 133

Deuteranopia
255, 225, 191



Tritanopia
253, 221, 238

Trichromacy



Original Color

242, 233, 134

Protanomaly

248, 231, 133

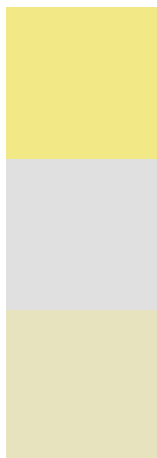
Deuteranomaly

250, 228, 170

Tritanomaly

249, 225, 200

Monochromacy



Original Color

242, 233, 134

Achromatopsia

224, 224, 224

Achromatomaly

231, 227, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 233, 134 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, 233, 134)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 134)  
}
```

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, 233, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 134) }
```

Border

The CSS property to change the border of an element to RGB 242, 233, 134 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, 233, 134) }
```

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

```
.border{ border-color:rgb(242, 233, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 134);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 242, 233, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 134) }
```

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

```
.background{ background-color: rgb(242,  
233, 134) }
```

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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