

Converting Colors

RGB(241, 230, 146)

Have a look what the booklet for
RGB(241, 230, 146) contains.

RGB(241, 230, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(241, 230, 146)

Conversions

Conversions Part 1

Format	Color
Hex	F1E692
RGB	241, 230, 146
RGB Percent	95%, 90%, 57%
CMY	0.0549, 0.0980, 0.4275
CMYK	0.00, 0.05, 0.39, 0.05
HSL	53°, 77%, 76%
HSV	53°, 39%, 95%
XYZ	69.7607, 77.3697, 38.4512
YIQ	223.7130, 33.5200, -23.7920

Conversions

Conversions Part 2

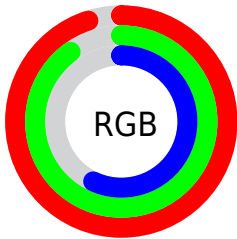
Format	Color
RYB	158, 241, 146
Decimal	15853202
CIELab	90.49, -8.00, 42.24
CIElCh	90, 42.990, 100.720
Yxy	77.3697, 0.3759, 0.4169
Android (android.graphics.Color)	4294043282 (0xFFFF1E692)
YUV	223.7130, -38.3125, 15.1607
Hunter-Lab	87.9601, -12.3625, 35.6538

Details

The RGB color **241, 230, 146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146, 157, 241**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 201**, and **183, 175, 94** is the 20% darker color. If you saturate the color by 10%, you get **241, 227, 122**, and if you desaturate by 10%, it is **241, 233, 170**.

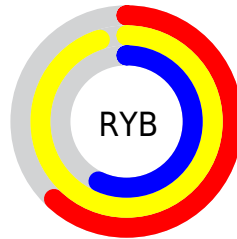
Distribution



Red (95%)

Green (90%)

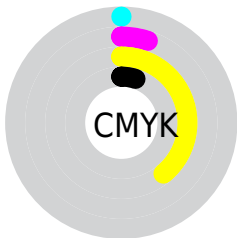
Blue (57%)



Red (62%)

Yellow (95%)

Blue (57%)

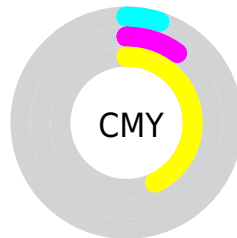


Cyan (0%)

Magenta (5%)

Yellow (39%)

Black (5%)



Cyan (5%)

Magenta (10%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 230, 146 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 241, 230, 146 by changing the saturation by 10% instead.


 241, 230, 146

 241, 230, 146


255, 255, 255


 212, 202, 120

 255, 255, 201

 183, 175, 94

 255, 255, 229

 156, 148, 69

 128, 122, 44

 102, 98, 18

 76, 74, 0

 52, 52, 0

 27, 31, 0


 0, 3, 0


 241, 230, 146


 241, 230, 146

 241, 227, 122


 241, 233, 170


 241, 224, 98


 241, 236, 194

 241, 222, 74

 241, 238, 218

 241, 219, 50


 241, 241, 242

 241, 216, 25

 241, 244, 255


 241, 213, 1

 241, 247, 255

 241, 213, 0

 241, 250, 255

 241, 252, 255

 241, 255, 255

Harmonies

Analogous

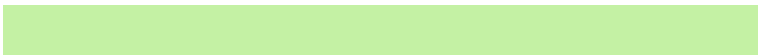
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 216, 151



241, 230, 146



196, 241, 164

Triad

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



241, 230, 146



79, 247, 255



255, 200, 255

Complementary

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



241, 230, 146



146, 157, 241

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.



252, 212, 255



241, 230, 146



128, 239, 255

Square

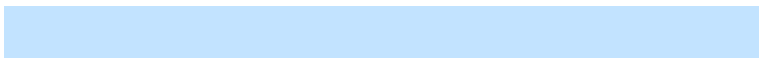
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 230, 146



96, 250, 242



194, 227, 255



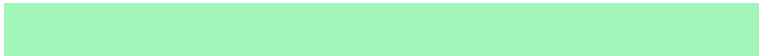
255, 196, 214

Rectangle

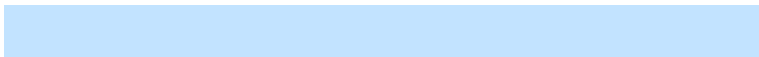
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241, 230, 146



163, 246, 186



194, 227, 255



255, 203, 255

Sweetspot

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



241, 230, 146



255, 251, 224



241, 146, 157



128, 125, 110



0, 0, 0



128, 128, 128

Same Dimension

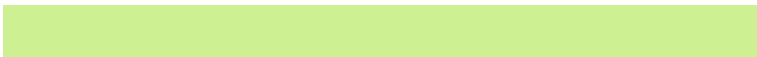
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 230, 146



255, 241, 135



205, 241, 146



120, 118, 108



184, 162, 0



56, 50, 0

Inverse Universe

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



146, 157, 241



135, 149, 255



182, 146, 241



108, 109, 120



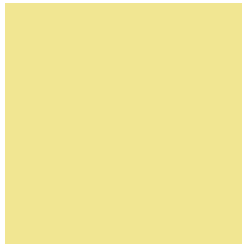
0, 21, 184



0, 6, 56

Previews

White Background



This preview shows how the RGB color 241, 230, 146 looks on a white background.

Color Contrast Check

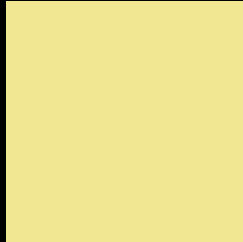
Large Text (above 18pt) WCAG AA × Fail

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 241, 230, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

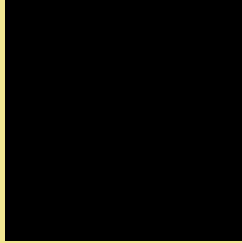
Any Text WCAG AA ✓ Pass

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 241, 230, 146 Background



This preview shows how black text looks on a background with the RGB color 241, 230, 146.



This preview shows how white text looks on a background with the RGB color 241, 230, 146.

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
241, 230, 146

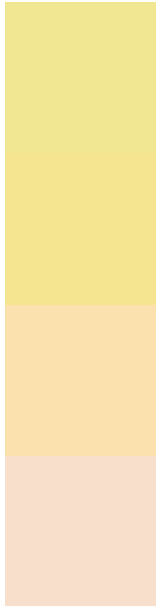
Protanopia
248, 228, 145

Deuteranopia
255, 222, 188



Tritanopia
251, 219, 236

Trichromacy



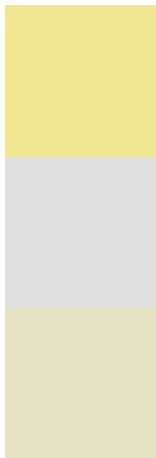
Original Color
241, 230, 146

Protanomaly
245, 229, 145

Deuteranomaly
250, 225, 173

Tritanomaly
247, 223, 203

Monochromacy



Original Color
241, 230, 146

Achromatopsia
224, 224, 224

Achromatomaly
230, 226, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 230, 146 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(241, 230, 146)` looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 146)  
}
```

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(241, 230, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 146) }
```

Border

The CSS property to change the border of an element to RGB 241, 230, 146 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(241, 230, 146) }
```

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

```
.border{ border-color:rgb(241, 230, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 230, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 146);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 241, 230, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 146) }
```

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

```
.background{ background-color: rgb(241,  
230, 146) }
```

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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