

Converting Colors

RGB(240, 230, 150)

Have a look what the booklet for
RGB(240, 230, 150) contains.

RGB(240, 230, 150)	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(240, 230, 150)

Conversions

Conversions Part 1

Format	Color
Hex	F0E696
RGB	240, 230, 150
RGB Percent	94%, 90%, 59%
CMY	0.0588, 0.0980, 0.4118
CMYK	0.00, 0.04, 0.37, 0.06
HSL	53°, 75%, 76%
HSV	53°, 37%, 94%
XYZ	69.7370, 77.3209, 40.1031
YIQ	223.8700, 31.6400, -22.7600

Conversions

Conversions Part 2

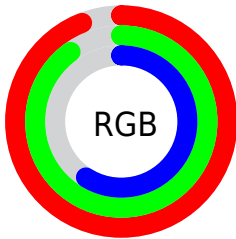
Format	Color
R _Y B	161, 240, 150
Decimal	15787670
CIE Lab	90.47, -7.95, 40.20
CIE LCh	90, 40.984, 101.187
Yxy	77.3209, 0.3726, 0.4131
Android (android.graphics.Color)	4293977750 (0xFFFF0E696)
YUV	223.8700, -36.4179, 14.1460
Hunter-Lab	87.9323, -12.3174, 34.5124

Details

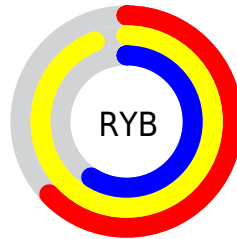
The RGB color **240, 230, 150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **150, 160, 240**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 205**, and **183, 175, 98** is the 20% darker color. If you saturate the color by 10%, you get **240, 227, 126**, and if you desaturate by 10%, it is **240, 233, 174**.

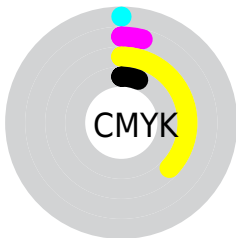
Distribution



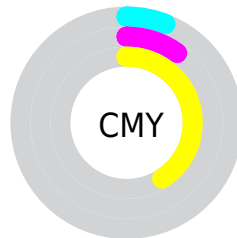
- Red (94%)
- Green (90%)
- Blue (59%)



- Red (63%)
- Yellow (94%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 230, 150 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 240, 230, 150 by changing the saturation by 10% instead.


 240, 230, 150

 240, 230, 150


255, 255, 255


 211, 202, 124

 255, 255, 205

 183, 175, 98

 255, 255, 233

 155, 148, 73

 128, 122, 48

 102, 98, 24

 76, 74, 0

 52, 52, 0

 27, 31, 0

 0, 3, 0

 240, 230, 150


 240, 230, 150

 240, 227, 126


 240, 233, 174

 240, 225, 102


 240, 235, 198

 240, 222, 78

 240, 238, 222

 240, 219, 54

 240, 241, 246

 240, 217, 30

 240, 243, 255

 240, 214, 6

 240, 246, 255

 240, 213, 0

 240, 249, 255

 240, 251, 255

 240, 254, 255

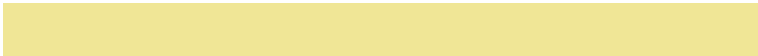
Harmonies

Analogous

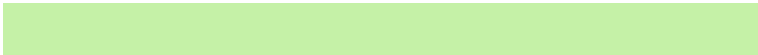
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 217, 154



240, 230, 150



197, 241, 167

Triad

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



240, 230, 150



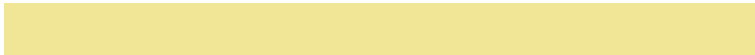
94, 246, 255



255, 201, 254

Complementary

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



240, 230, 150



150, 160, 240

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



240, 230, 150



136, 239, 255

Square

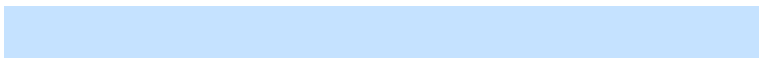
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 230, 150



106, 249, 242



197, 226, 255



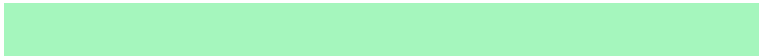
255, 198, 214

Rectangle

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



240, 230, 150



165, 246, 189



197, 226, 255



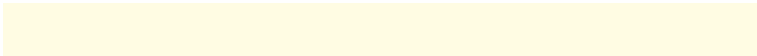
255, 204, 255

Sweetspot

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



240, 230, 150



255, 252, 227



240, 150, 161



128, 126, 111



0, 0, 0



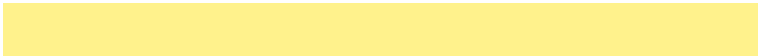
128, 128, 128

Same Dimension

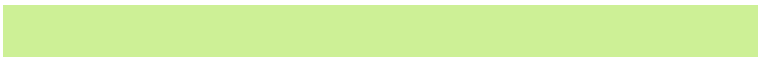
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 230, 150



255, 242, 140



205, 240, 150



120, 119, 108



184, 163, 0



56, 50, 0

Inverse Universe

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



150, 160, 240



140, 153, 255



184, 150, 240



108, 109, 120



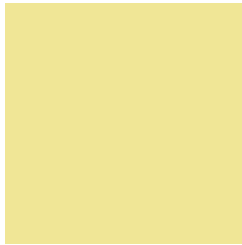
0, 20, 184



0, 6, 56

Previews

White Background



This preview shows how the RGB color 240, 230, 150 looks on a white background.

Color Contrast Check

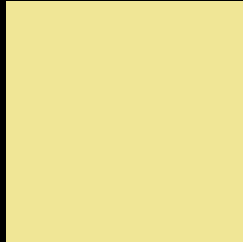
Large Text (above 18pt) WCAG AA × Fail

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 240, 230, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

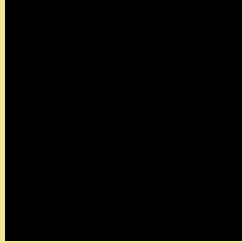
Any Text WCAG AA ✓ Pass

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 240, 230, 150 Background



This preview shows how black text looks on a background with the RGB color 240, 230, 150.



This preview shows how white text looks on a background with the RGB color 240, 230, 150.

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
240, 230, 150

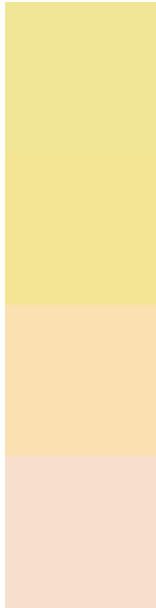
Protanopia
247, 228, 149

Deuteranopia
255, 222, 189



Tritanopia
250, 219, 236

Trichromacy



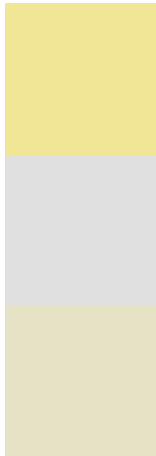
Original Color
240, 230, 150

Protanomaly
244, 229, 149

Deuteranomaly
250, 225, 175

Tritanomaly
246, 223, 205

Monochromacy



Original Color
240, 230, 150

Achromatopsia
224, 224, 224

Achromatomaly
230, 226, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 230, 150 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(240, 230, 150)` looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 150)  
}
```

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(240, 230, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 150) }
```

Border

The CSS property to change the border of an element to RGB 240, 230, 150 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(240, 230, 150) }
```

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

```
.border{ border-color:rgb(240, 230, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 150);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 240, 230, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 150) }
```

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

```
.background{ background-color: rgb(240,  
230, 150) }
```

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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