

Converting Colors

RGB(241, 231, 206)

Have a look what the booklet for
RGB(241, 231, 206) contains.

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Color

RGB(241, 231, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7CE
RGB	241, 231, 206
RGB Percent	95%, 91%, 81%
CMY	0.0549, 0.0941, 0.1922
CMYK	0.00, 0.04, 0.15, 0.05
HSL	43°, 56%, 88%
HSV	43°, 15%, 95%
XYZ	75.9921, 80.3088, 69.8885
YIQ	231.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

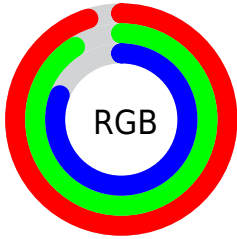
Format	Color
R _Y B	220, 241, 206
Decimal	15853518
CIE Lab	91.82, -0.69, 13.38
CIE LCh	92, 13.398, 92.948
Yxy	80.3088, 0.3360, 0.3551
Android (android.graphics.Color)	4294043598 (0xFF1E7CE)
YUV	231.1400, -12.3940, 8.6472
Hunter-Lab	89.6152, -5.4617, 16.4920

Details

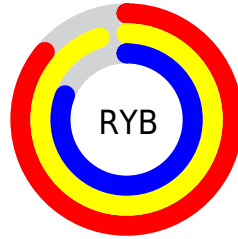
The RGB color **241, 231, 206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **206, 216, 241**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 176, 152** is the 20% darker color. If you saturate the color by 10%, you get **241, 224, 182**, and if you desaturate by 10%, it is **241, 238, 230**.

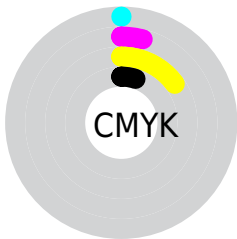
Distribution



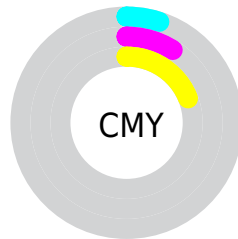
- Red (95%)
- Green (91%)
- Blue (81%)



- Red (86%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 231, 206 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, 231, 206 by changing the saturation by 10% instead.

■ 241, 231, 206

255, 255, 255

■ 241, 231, 206

■ 213, 203, 178

■ 185, 176, 152

■ 158, 149, 126

■ 131, 123, 101

■ 106, 98, 77

■ 82, 75, 54


■ 58, 52, 32


■ 37, 31, 10

■ 8, 7, 0

 241, 231, 206

 241, 231, 206

 241, 224, 182

 241, 238, 230

 241, 217, 158


 241, 245, 254


 241, 210, 134


 241, 252, 255


 241, 203, 110

 241, 255, 255

 241, 197, 86

 241, 190, 61

 241, 183, 37

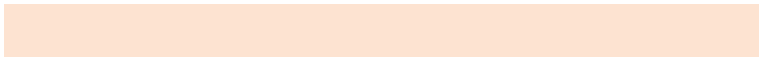
 241, 176, 13

 241, 172, 0

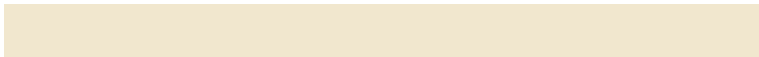
Harmonies

Analogous

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



253, 227, 209



241, 231, 206



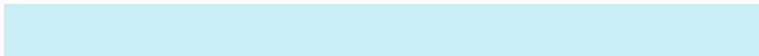
226, 235, 210

Triad

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



241, 231, 206



200, 239, 245



250, 224, 243

Complementary

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



241, 231, 206



206, 216, 241

Split Complementary

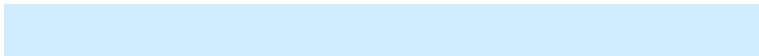
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 228, 253



241, 231, 206



206, 236, 254

Square

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



241, 231, 206



202, 239, 232



220, 232, 255



255, 223, 231

Rectangle

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



241, 231, 206



217, 237, 216



220, 232, 255



246, 225, 247

Sweetspot

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



241, 231, 206



255, 252, 245



241, 206, 217



128, 126, 121



0, 0, 0



128, 128, 128

Same Dimension

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



241, 231, 206



255, 243, 212



234, 241, 206



120, 116, 108



184, 131, 0



56, 40, 0

Inverse Universe

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



206, 216, 241



212, 224, 255



213, 206, 241



108, 111, 120



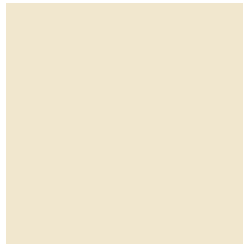
0, 52, 184



0, 16, 56

Previews

White Background



This preview shows how the RGB color 241, 231, 206 looks on a white background.

Color Contrast Check

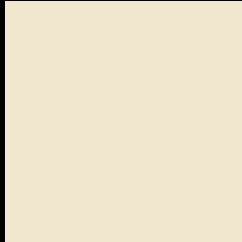
Large Text (above 18pt) WCAG AA × Fail

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, 231, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

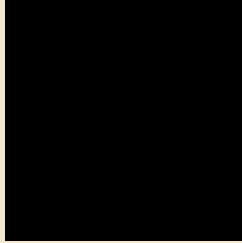
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

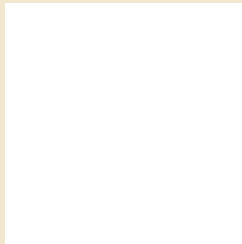
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 241, 231, 206 Background



This preview shows how black text looks on a background with the RGB color 241, 231, 206.

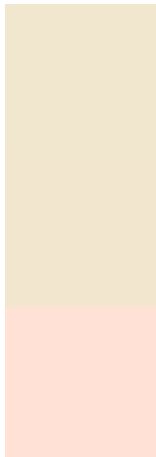


This preview shows how white text looks on a background with the RGB color 241, 231, 206.

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, 231, 206

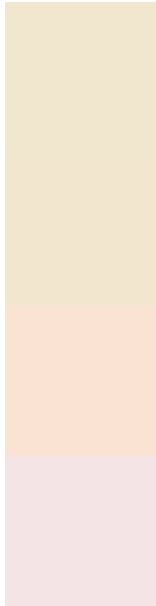
Protanopia
242, 231, 206

Deuteranopia
255, 225, 214



Tritanopia
246, 226, 243

Trichromacy



Original Color

241, 231, 206

Protanomaly

242, 231, 206

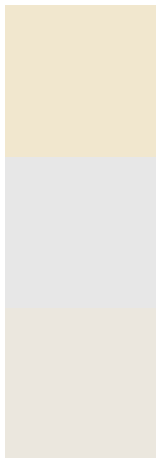
Deuteranomaly

250, 227, 211

Tritanomaly

244, 228, 230

Monochromacy



Original Color

241, 231, 206

Achromatopsia

231, 231, 231

Achromatomaly

235, 231, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 231, 206 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, 231, 206) looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 206)  
}
```

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, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 206) }
```

Border

The CSS property to change the border of an element to RGB 241, 231, 206 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, 231, 206) }
```

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

```
.border{ border-color:rgb(241, 231, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 231, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 231, 206); box-shadow:4px 4px 4px 4px rgb(241, 231, 206) }
```

Background

The CSS property to change the background color of an element to RGB 241, 231, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 206) }
```

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

```
.background{ background-color: rgb(241,  
231, 206) }
```

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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