

# Converting Colors

RGB(244, 242, 229)

Have a look what the booklet for  
RGB(244, 242, 229) contains.

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# Color

**RGB(244, 242, 229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4F2E5
RGB	244, 242, 229
RGB Percent	96%, 95%, 90%
CMY	0.0431, 0.0510, 0.1020
CMYK	0.00, 0.01, 0.06, 0.04
HSL	52°, 41%, 93%
HSV	52°, 6%, 96%
XYZ	83.2032, 88.3945, 86.8053
YIQ	241.1160, 5.3650, -3.6190

# Conversions

## Conversions Part 2

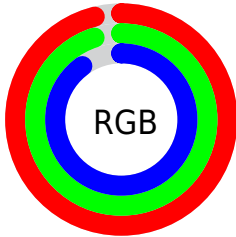
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 244, 229
Decimal	16052965
CIE Lab	95.33, -1.55, 6.49
CIE LCh	95, 6.677, 103.451
Yxy	88.3945, 0.3220, 0.3421
Android (android.graphics.Color)	4294243045 (0xFFFF4F2E5)
YUV	241.1160, -5.9732, 2.5293
Hunter-Lab	94.0183, -6.5654, 11.0715

# Details

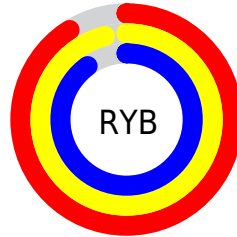
The RGB color 244, 242, 229 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 229, 231, 244, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 188, 186, 174 is the 20% darker color. If you saturate the color by 10%, you get 244, 239, 205, and if you desaturate by 10%, it is 244, 245, 253.

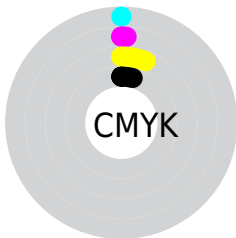
# Distribution



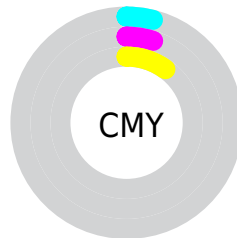
- Red (96%)
- Green (95%)
- Blue (90%)



- Red (91%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 244, 242, 229 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 244, 242, 229 by changing the saturation by 10% instead.



■ 244, 242, 229

255, 255, 255

■ 244, 242, 229

■ 216, 214, 201

■ 188, 186, 174

■ 161, 159, 147

■ 135, 133, 121

■ 109, 108, 96

■ 85, 83, 73

■ 62, 60, 50

■ 40, 39, 29

■ 20, 18, 4

 244, 242, 229

 244, 242, 229

 244, 239, 205

 244, 245, 253

 244, 235, 180

 244, 249, 255

 244, 232, 156

 244, 252, 255

 244, 229, 131

 244, 255, 255

 244, 226, 107

 244, 222, 83

 244, 219, 58

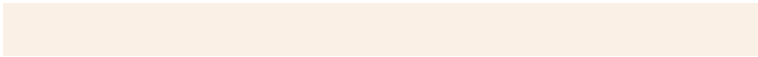
 244, 216, 34

 244, 213, 9

# Harmonies

## Analogous

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



251, 240, 229



244, 242, 229



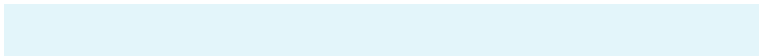
236, 244, 232

# Triad

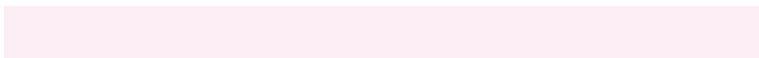
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244, 242, 229



227, 245, 250



253, 238, 245

# Complementary

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



244, 242, 229



229, 231, 244

# Split Complementary

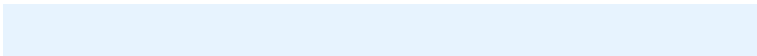
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 239, 251



244, 242, 229



231, 243, 254

# Square

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



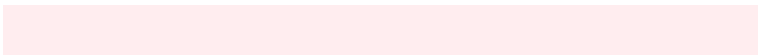
244, 242, 229



226, 246, 244



239, 241, 254



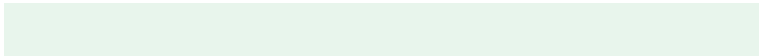
255, 237, 239

# Rectangle

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



244, 242, 229



232, 245, 236



239, 241, 254



251, 238, 247



# Sweetspot

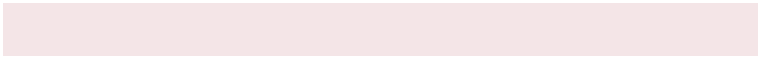
The Sweet Spot groups the original color and five complimentary colors.



244, 242, 229



255, 254, 250



244, 229, 231



128, 127, 125



0, 0, 0



128, 128, 128



# Same Dimension

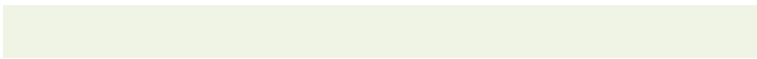
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244, 242, 229



255, 253, 237



239, 244, 229



122, 121, 113



186, 161, 0



59, 51, 0



# Inverse Universe

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



229, 231, 244



237, 240, 255



234, 229, 244



113, 114, 122



0, 25, 186

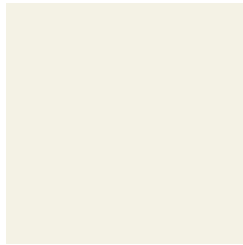


0, 8, 59



# Previews

## White Background



This preview shows how the RGB color 244, 242, 229 looks on a white background.

## Color Contrast Check

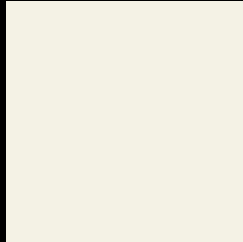
Large Text (above 18pt) WCAG AA × Fail

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 244, 242, 229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

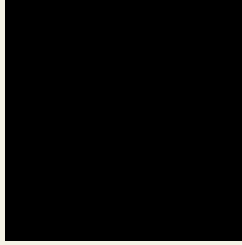
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

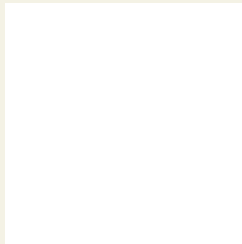
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 244, 242, 229 Background



This preview shows how black text looks on a background with the RGB color 244, 242, 229.

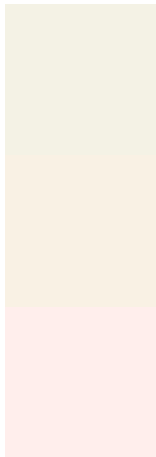


This preview shows how white text looks on a background with the RGB color 244, 242, 229.

# 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

244, 242, 229

### Protanopia

249, 241, 228

### Deuteranopia

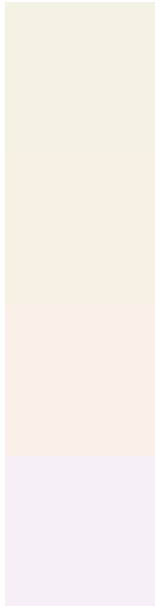
255, 238, 236



# Tritanopia

247, 238, 255

# Trichromacy



## Original Color

244, 242, 229

## Protanomaly

247, 241, 228

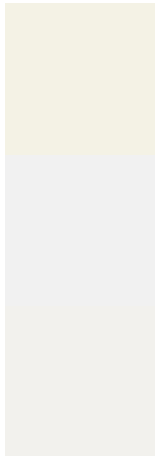
## Deuteranomaly

251, 239, 233

## Tritanomaly

246, 239, 246

# Monochromacy



## Original Color

244, 242, 229

## Achromatopsia

241, 241, 241

## Achromatomaly

242, 241, 237

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 244, 242, 229 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(244, 242, 229) looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 229)  
}
```

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(244, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 229) }
```

## Border

The CSS property to change the border of an element to RGB 244, 242, 229 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(244, 242, 229) }
```

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

```
.border{ border-color:rgb(244, 242, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
229) }
```

# Background

The CSS property to change the background color of an element to RGB 244, 242, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 229) }
```

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

```
.background{ background-color: rgb(244,  
242, 229) }
```

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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