

# Converting Colors

RGB(242, 229, 223)

Have a look what the booklet for  
RGB(242, 229, 223) contains.

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# **Color**

**RGB(242, 229, 223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E5DF
RGB	242, 229, 223
RGB Percent	95%, 90%, 87%
CMY	0.0510, 0.1020, 0.1255
CMYK	0.00, 0.05, 0.08, 0.05
HSL	19°, 42%, 91%
HSV	19°, 8%, 95%
XYZ	77.9565, 80.2436, 81.1918
YIQ	232.2030, 9.6740, 0.8900

# Conversions

## Conversions Part 2

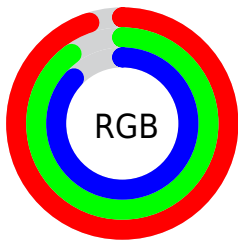
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 232, 223
Decimal	15918559
CIE Lab	91.79, 3.40, 4.49
CIE LCh	92, 5.632, 52.848
Yxy	80.2436, 0.3256, 0.3352
Android (android.graphics.Color)	4294108639 (0xFF F2 E5 DF)
YUV	232.2030, -4.5371, 8.5920
Hunter-Lab	89.5788, -1.4220, 8.9663

# Details

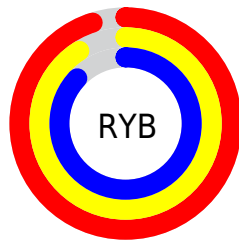
The RGB color **242, 229, 223** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **223, 236, 242**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 174, 168** is the 20% darker color. If you saturate the color by 10%, you get **242, 212, 199**, and if you desaturate by 10%, it is **242, 246, 247**.

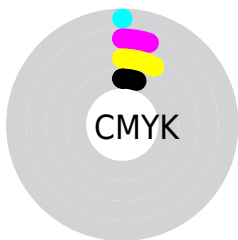
# Distribution



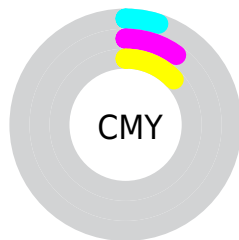
- Red (95%)
- Green (90%)
- Blue (87%)



- Red (95%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 242, 229, 223 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, 229, 223 by changing the saturation by 10% instead.



■ 242, 229, 223

255, 255, 255

■ 242, 229, 223

■ 214, 201, 195

■ 186, 174, 168

■ 159, 147, 141

■ 133, 121, 116

■ 107, 96, 91

■ 83, 73, 68

■ 60, 50, 46

■ 38, 29, 25


■ 17, 4, 0

 242, 229, 223


 242, 229, 223


 242, 212, 199


 242, 246, 247

 242, 196, 175


 242, 255, 255

 242, 179, 150

 242, 163, 126

 242, 146, 102

 242, 130, 78

 242, 113, 54

 242, 97, 29

 242, 80, 5

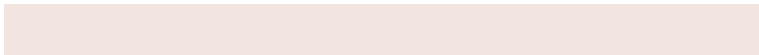
# Harmonies

## Analogous

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



244, 228, 227



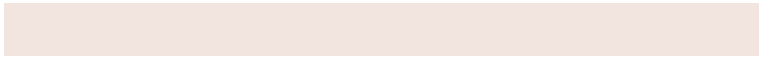
242, 229, 223



238, 231, 221

# Triad

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



242, 229, 223



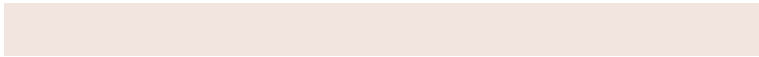
220, 235, 230



231, 230, 241

# Complementary

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



242, 229, 223



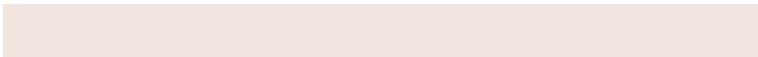
223, 236, 242

# 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.



225, 232, 242



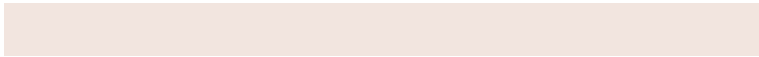
242, 229, 223



219, 235, 235

# Square

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



242, 229, 223



225, 234, 225



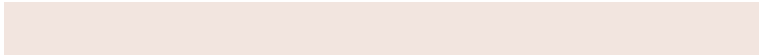
220, 234, 240



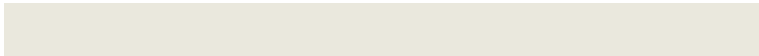
237, 229, 238

# Rectangle

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



242, 229, 223



234, 232, 221



220, 234, 240

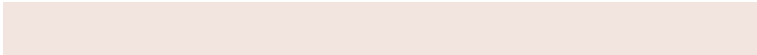


229, 231, 242



# Sweetspot

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



242, 229, 223



255, 252, 250



242, 223, 236



128, 126, 125



0, 0, 0



128, 128, 128

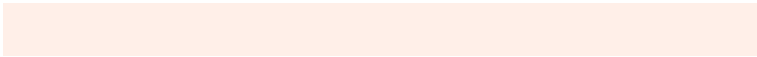


# Same Dimension

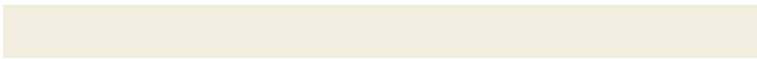
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 229, 223



255, 239, 232



242, 238, 223



120, 112, 108



184, 58, 0



56, 18, 0

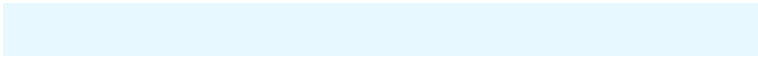


# Inverse Universe

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



223, 236, 242



232, 248, 255



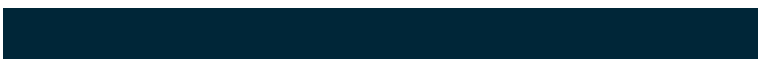
223, 227, 242



108, 116, 120



0, 126, 184

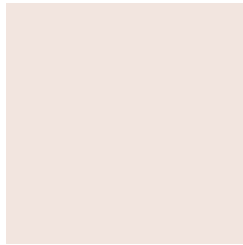


0, 38, 56



# Previews

## White Background



This preview shows how the RGB color 242, 229, 223 looks on a white background.

## Color Contrast Check

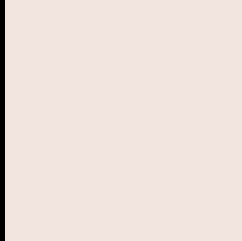
Large Text (above 18pt) WCAG AA × Fail

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, 229, 223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

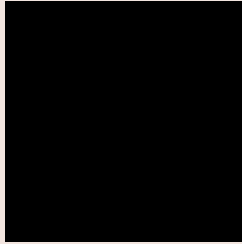
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

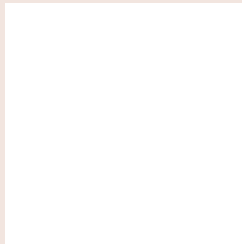
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 242, 229, 223 Background



This preview shows how black text looks on a background with the RGB color 242, 229, 223.



This preview shows how white text looks on a background with the RGB color 242, 229, 223.

# 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

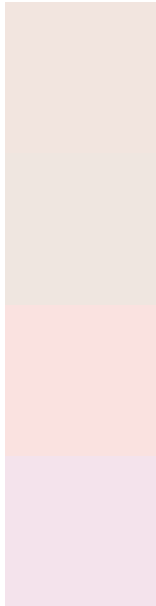




# Tritanopia

245, 226, 244

# Trichromacy



**Original Color**

242, 229, 223

**Protanomaly**

239, 230, 224

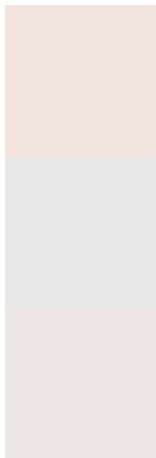
**Deuteranomaly**

250, 226, 224

**Tritanomaly**

244, 227, 236

# Monochromacy



**Original Color**

242, 229, 223

**Achromatopsia**

232, 232, 232

**Achromatomaly**

236, 231, 229

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 242, 229, 223 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, 229, 223) looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 223)  
}
```

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, 229, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 223) }
```

## Border

The CSS property to change the border of an element to RGB 242, 229, 223 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, 229, 223) }
```

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

```
.border{ border-color:rgb(242, 229, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
223) }
```

# Background

The CSS property to change the background color of an element to RGB 242, 229, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 223) }
```

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

```
.background{ background-color: rgb(242,  
229, 223) }
```

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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