

Converting Colors

RGB(242, 223, 236)

Have a look what the booklet for
RGB(242, 223, 236) contains.

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Color

RGB(242, 223, 236)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFEC
RGB	242, 223, 236
RGB Percent	95%, 87%, 93%
CMY	0.0510, 0.1255, 0.0745
CMYK	0.00, 0.08, 0.02, 0.05
HSL	319°, 42%, 91%
HSV	319°, 8%, 95%
XYZ	78.1459, 77.7087, 90.2374
YIQ	230.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

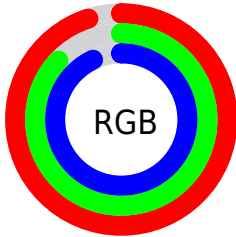
Format	Color
RYB	242, 223, 236
Decimal	15917036
CIELab	90.65, 8.73, -3.99
CIELCh	91, 9.594, 335.436
Yxy	77.7087, 0.3175, 0.3158
Android (android.graphics.Color)	4294107116 (0xFFFF2DFEC)
YUV	230.1630, 2.8776, 10.3810
Hunter-Lab	88.1526, 3.9707, 1.0145

Details

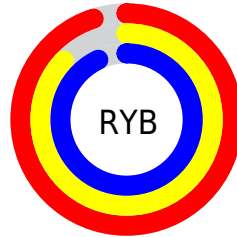
The RGB color **242, 223, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 242, 229**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 168, 180** is the 20% darker color. If you saturate the color by 10%, you get **242, 199, 228**, and if you desaturate by 10%, it is **242, 247, 244**.

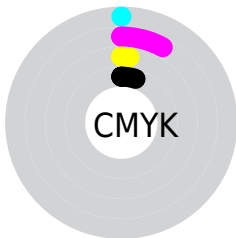
Distribution



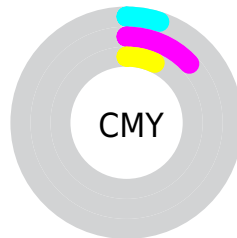
- Red (95%)
- Green (87%)
- Blue (93%)



- Red (95%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 223, 236 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, 223, 236 by changing the saturation by 10% instead.

 242, 223, 236

255, 255, 255

 242, 223, 236

 214, 195, 208

 186, 168, 180


 159, 141, 153

 133, 116, 128

 107, 91, 102

 83, 68, 78


 60, 45, 56

 38, 25, 34


 18, 0, 12

 242, 223, 236


 242, 223, 236

 242, 199, 228


 242, 247, 244


 242, 175, 221


 242, 255, 251

 242, 150, 213


 242, 255, 255

 242, 126, 205

 242, 102, 198

 242, 78, 190

 242, 54, 183

 242, 29, 175

 242, 5, 167

Harmonies

Analogous

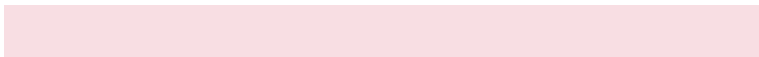
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 225, 243



242, 223, 236



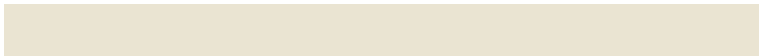
248, 222, 227

Triad

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



242, 223, 236



234, 228, 210



206, 233, 238

Complementary

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



242, 223, 236



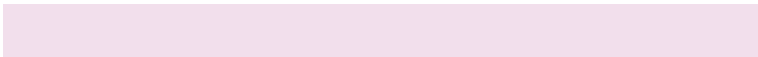
223, 242, 229

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.



207, 234, 230



242, 223, 236



224, 231, 213

Square

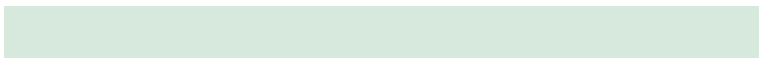
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 223, 236



243, 225, 212



214, 233, 220



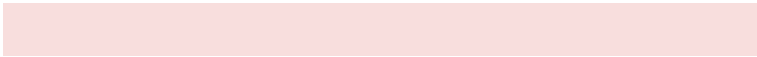
211, 231, 245

Rectangle

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



242, 223, 236



248, 222, 221



214, 233, 220



206, 234, 236

Sweetspot

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



242, 223, 236



255, 250, 253



229, 223, 242



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

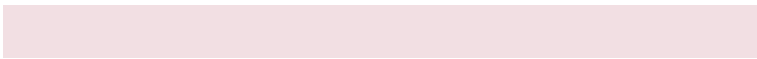
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 223, 236



255, 232, 248



242, 223, 227



120, 108, 116



184, 0, 126



56, 0, 38

Inverse Universe

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



242, 223, 236



255, 232, 248



223, 242, 238



120, 108, 116



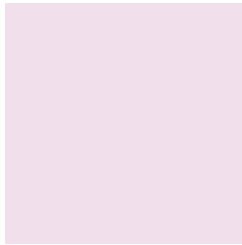
184, 0, 126



56, 0, 38

Previews

White Background



This preview shows how the RGB color 242, 223, 236 looks on a white background.

Color Contrast Check

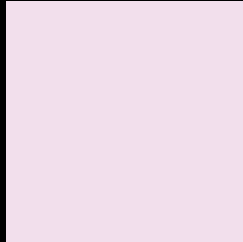
Large Text (above 18pt) WCAG AA × Fail

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, 223, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

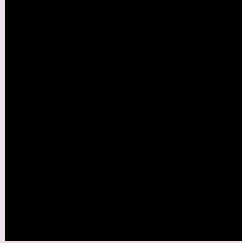
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

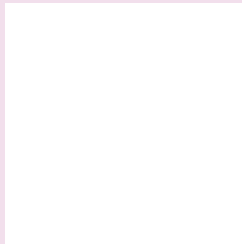
Any Text WCAG AAA ✓ Pass

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

RGB 242, 223, 236 Background



This preview shows how black text looks on a background with the RGB color 242, 223, 236.

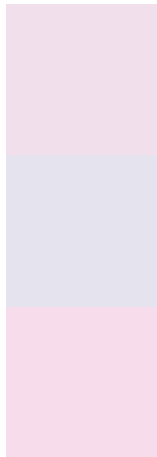


This preview shows how white text looks on a background with the RGB color 242, 223, 236.

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
242, 223, 236

Protanopia
229, 227, 238

Deuteranopia
247, 221, 236



Tritanopia
243, 222, 240

Trichromacy



Original Color

242, 223, 236

Protanomaly

234, 226, 237

Deuteranomaly

245, 222, 236

Tritanomaly

243, 222, 239

Monochromacy



Original Color

242, 223, 236

Achromatopsia

230, 230, 230

Achromatomaly

234, 227, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 223, 236 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, 223, 236) looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 236)  
}
```

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, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 236) }
```

Border

The CSS property to change the border of an element to RGB 242, 223, 236 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, 223, 236) }
```

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

```
.border{ border-color:rgb(242, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 242, 223, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 236) }
```

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

```
.background{ background-color: rgb(242,  
223, 236) }
```

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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