

Converting Colors

RGB(242, 222, 239)

Have a look what the booklet for
RGB(242, 222, 239) contains.

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Color

RGB(242, 222, 239)

Conversions

Conversions Part 1

Format	Color
Hex	F2DEEF
RGB	242, 222, 239
RGB Percent	95%, 87%, 94%
CMY	0.0510, 0.1294, 0.0627
CMYK	0.00, 0.08, 0.01, 0.05
HSL	309°, 43%, 91%
HSV	309°, 8%, 95%
XYZ	78.3192, 77.3518, 92.4639
YIQ	229.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

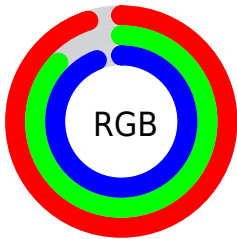
Format	Color
R_{YB}	242, 222, 239
Decimal	15916783
CIE Lab	90.48, 9.78, -5.80
CIE LCh	90, 11.368, 329.309
Yxy	77.3518, 0.3156, 0.3117
Android (android.graphics.Color)	4294106863 (0xFFFF2DEEF)
YUV	229.9180, 4.4774, 10.5959
Hunter-Lab	87.9499, 5.0417, -0.7681

Details

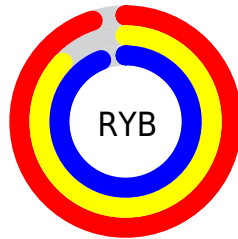
The RGB color **242, 222, 239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 242, 225**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 167, 183** is the 20% darker color. If you saturate the color by 10%, you get **242, 198, 235**, and if you desaturate by 10%, it is **242, 246, 243**.

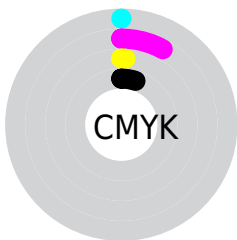
Distribution



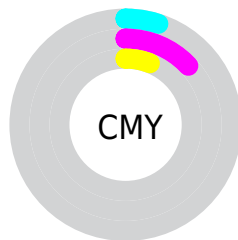
- Red (95%)
- Green (87%)
- Blue (94%)



- Red (95%)
- Yellow (87%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 222, 239 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, 222, 239 by changing the saturation by 10% instead.

 242, 222, 239

255, 255, 255

 242, 222, 239

 214, 194, 211

 186, 167, 183

 159, 140, 156

 133, 115, 130

 107, 90, 105

 83, 67, 81


 60, 45, 58

 38, 24, 36


 18, 0, 15

 242, 222, 239


 242, 222, 239

 242, 198, 235


 242, 246, 243

 242, 174, 232


 242, 255, 246

 242, 149, 228


 242, 255, 250


 242, 125, 224


 242, 255, 254

 242, 101, 221

 242, 255, 255

 242, 77, 217

 242, 53, 214

 242, 28, 210

 242, 4, 206

Harmonies

Analogous

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



230, 225, 247



242, 222, 239



250, 221, 228

Triad

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



242, 222, 239



237, 227, 206



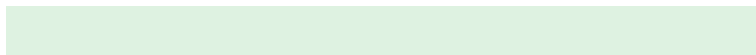
201, 234, 238

Complementary

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



242, 222, 239



222, 242, 225

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.



204, 234, 227



242, 222, 239



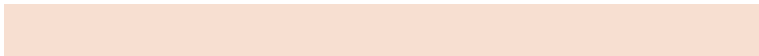
225, 230, 209

Square

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



242, 222, 239



247, 223, 209



213, 233, 216



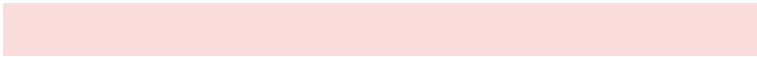
205, 232, 246

Rectangle

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



242, 222, 239



252, 221, 221



213, 233, 216



201, 234, 234

Sweetspot

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



242, 222, 239



255, 250, 254



225, 222, 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, 222, 239



255, 230, 251



242, 222, 229



120, 108, 118



184, 0, 156



56, 0, 48

Inverse Universe

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



242, 222, 239



255, 230, 251



222, 242, 235



120, 108, 118



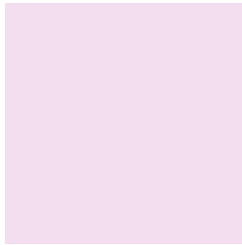
184, 0, 156



56, 0, 48

Previews

White Background



This preview shows how the RGB color 242, 222, 239 looks on a white background.

Color Contrast Check

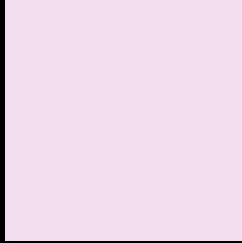
Large Text (above 18pt) WCAG AA × Fail

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, 222, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

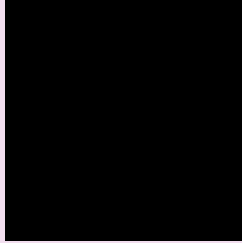
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

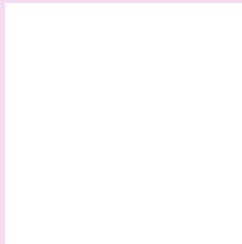
Any Text WCAG AAA ✓ Pass

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

RGB 242, 222, 239 Background



This preview shows how black text looks on a background with the RGB color 242, 222, 239.



This preview shows how white text looks on a background with the RGB color 242, 222, 239.

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, 222, 239

Protanopia
228, 226, 242

Deuteranopia
245, 221, 239



Tritanopia

242, 222, 239

Trichromacy



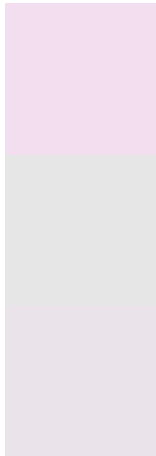
Original Color
242, 222, 239

Protanomaly
233, 225, 241

Deuteranomaly
244, 221, 239

Tritanomaly
242, 222, 239

Monochromacy



Original Color
242, 222, 239

Achromatopsia
230, 230, 230

Achromatomaly
234, 227, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 222, 239 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, 222, 239) looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 239)  
}
```

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, 222, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 239) }
```

Border

The CSS property to change the border of an element to RGB 242, 222, 239 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, 222, 239) }
```

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

```
.border{ border-color:rgb(242, 222, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 222, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 242, 222, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 239) }
```

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

```
.background{ background-color: rgb(242,  
222, 239) }
```

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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