

Converting Colors

RGB(242, 219, 237)

Have a look what the booklet for
RGB(242, 219, 237) contains.

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Color

RGB(242, 219, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBED
RGB	242, 219, 237
RGB Percent	95%, 86%, 93%
CMY	0.0510, 0.1412, 0.0706
CMYK	0.00, 0.10, 0.02, 0.05
HSL	313°, 47%, 90%
HSV	313°, 10%, 95%
XYZ	77.2355, 75.6547, 90.6528
YIQ	227.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

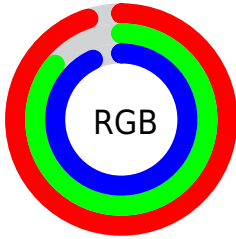
Format	Color
R _{YB}	242, 219, 237
Decimal	15916013
CIE Lab	89.70, 10.99, -5.91
CIE LCh	90, 12.475, 331.718
Yxy	75.6547, 0.3171, 0.3106
Android (android.graphics.Color)	4294106093 (0xFFFF2DBED)
YUV	227.9290, 4.4720, 12.3403
Hunter-Lab	86.9797, 6.2885, -0.9080

Details

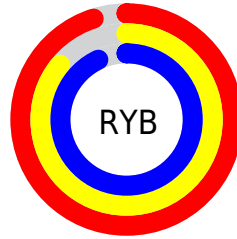
The RGB color **242, 219, 237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 242, 224**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 164, 181** is the 20% darker color. If you saturate the color by 10%, you get **242, 195, 232**, and if you desaturate by 10%, it is **242, 243, 242**.

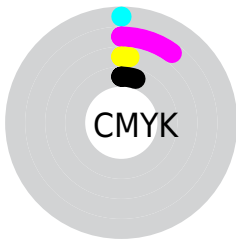
Distribution



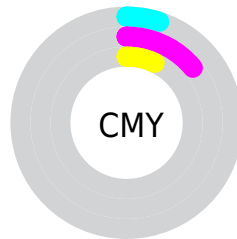
- Red (95%)
- Green (86%)
- Blue (93%)



- Red (95%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 219, 237 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, 219, 237 by changing the saturation by 10% instead.

 242, 219, 237

255, 255, 255

 242, 219, 237

 214, 191, 209

 186, 164, 181

 159, 138, 154


 133, 112, 128

 107, 88, 103

 83, 64, 79


 60, 42, 56

 38, 22, 35


 17, 0, 13

 242, 219, 237


 242, 219, 237

 242, 195, 232


 242, 243, 242

 242, 171, 226

 242, 255, 248


 242, 146, 221

 242, 255, 253

 242, 122, 216

 242, 255, 255

 242, 98, 211

 242, 74, 205

 242, 50, 200

 242, 25, 195

 242, 1, 190

Harmonies

Analogous

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



229, 222, 246



242, 219, 237



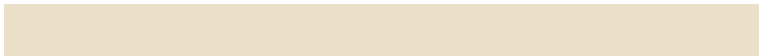
250, 218, 225

Triad

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



242, 219, 237



235, 225, 202



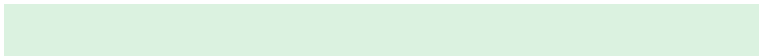
196, 232, 238

Complementary

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



242, 219, 237



219, 242, 224

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.



198, 233, 226



242, 219, 237



221, 229, 205

Square

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



242, 219, 237



246, 221, 205



208, 231, 214



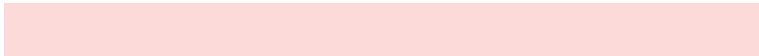
202, 230, 246

Rectangle

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



242, 219, 237



252, 218, 217



208, 231, 214



196, 233, 234

Sweetspot

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



242, 219, 237



255, 247, 253



224, 219, 242



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



242, 219, 237



255, 227, 249



242, 219, 226



120, 108, 117



184, 0, 144



56, 0, 44

Inverse Universe

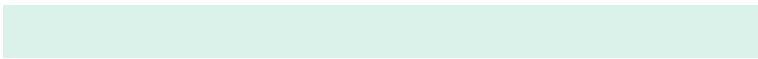
The Inverse Universe completely reimagines the original color for something new.



242, 219, 237



255, 227, 249



219, 242, 235



120, 108, 117



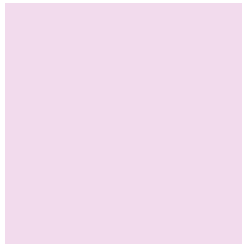
184, 0, 144



56, 0, 44

Previews

White Background



This preview shows how the RGB color 242, 219, 237 looks on a white background.

Color Contrast Check

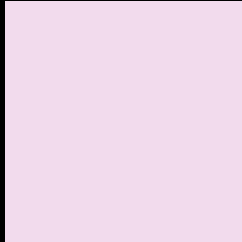
Large Text (above 18pt) WCAG AA × Fail

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, 219, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

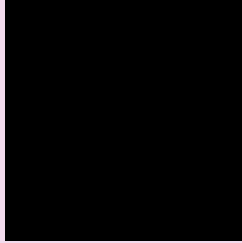
Any Text WCAG AA ✓ Pass

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, 219, 237 Background



This preview shows how black text looks on a background with the RGB color 242, 219, 237.



This preview shows how white text looks on a background with the RGB color 242, 219, 237.

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](#).

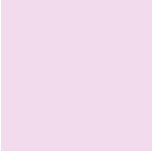
Dichromacy



Original Color
242, 219, 237

Protanopia
225, 224, 240

Deuteranopia
242, 219, 237



Tritanopia
242, 219, 236

Trichromacy



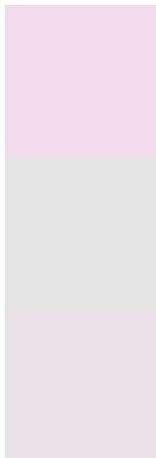
Original Color
242, 219, 237

Protanomaly
231, 222, 239

Deuteranomaly
242, 219, 237

Tritanomaly
242, 219, 236

Monochromacy



Original Color
242, 219, 237

Achromatopsia
228, 228, 228

Achromatomaly
233, 225, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 219, 237 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, 219, 237) looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 237)  
}
```

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, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 237) }
```

Border

The CSS property to change the border of an element to RGB 242, 219, 237 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, 219, 237) }
```

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

```
.border{ border-color:rgb(242, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 242, 219, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 237) }
```

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

```
.background{ background-color: rgb(242,  
219, 237) }
```

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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