

Converting Colors

RGB(242, 212, 241)

Have a look what the booklet for
RGB(242, 212, 241) contains.

RGB(242, 212, 241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(242, 212, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F2D4F1
RGB	242, 212, 241
RGB Percent	95%, 83%, 95%
CMY	0.0510, 0.1686, 0.0549
CMYK	0.00, 0.12, 0.00, 0.05
HSL	302°, 54%, 89%
HSV	302°, 12%, 95%
XYZ	76.0386, 72.3151, 93.1696
YIQ	224.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

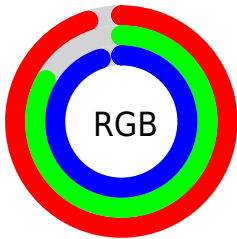
Format	Color
R _Y B	242, 212, 241
Decimal	15914225
CIE Lab	88.12, 15.37, -10.36
CIE LCh	88, 18.532, 326.020
Yxy	72.3151, 0.3148, 0.2994
Android (android.graphics.Color)	4294104305 (0xFFFF2D4F1)
YUV	224.2760, 8.2449, 15.5439
Hunter-Lab	85.0383, 10.7922, -5.4325

Details

The RGB color **242, 212, 241** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **212, 242, 213**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 157, 185** is the 20% darker color. If you saturate the color by 10%, you get **242, 188, 240**, and if you desaturate by 10%, it is **242, 236, 242**.

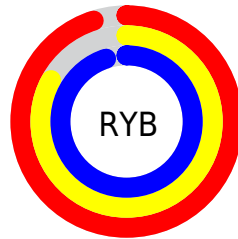
Distribution



Red (95%)

Green (83%)

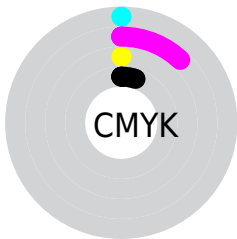
Blue (95%)



Red (95%)

Yellow (83%)

Blue (95%)

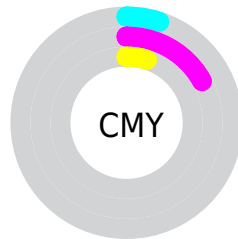


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 212, 241 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, 212, 241 by changing the saturation by 10% instead.


 242, 212, 241


255, 255, 255

 242, 212, 241


 214, 184, 213

 186, 157, 185

 159, 131, 158


 132, 106, 132

 107, 82, 107

 83, 58, 82

 59, 36, 59

 37, 16, 38


 11, 0, 16

 242, 212, 241


 242, 212, 241

 242, 188, 240

 242, 236, 242

 242, 164, 239

 242, 255, 243

 242, 139, 239


 242, 255, 243

 242, 115, 238

 242, 255, 244

 242, 91, 237


 242, 255, 245

 242, 67, 236

 242, 255, 246

 242, 43, 235

 242, 255, 247

 242, 18, 235

 242, 255, 247

 242, 0, 234

 242, 255, 248

Harmonies

Analogous

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



221, 217, 253



242, 212, 241



255, 209, 224

Triad

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



242, 212, 241



238, 219, 186



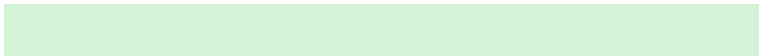
175, 231, 236

Complementary

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



242, 212, 241



212, 242, 213

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.



182, 231, 218



242, 212, 241



218, 225, 189

Square

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



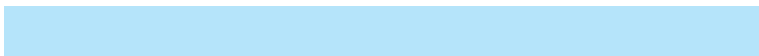
242, 212, 241



252, 213, 192



198, 229, 201



181, 228, 250

Rectangle

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



242, 212, 241



255, 209, 212



198, 229, 201



176, 231, 230

Sweetspot

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



242, 212, 241



255, 245, 255



213, 212, 242



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



242, 212, 241



255, 217, 254



242, 212, 226



120, 108, 119



184, 0, 177



56, 0, 54

Inverse Universe

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



242, 212, 241



255, 217, 254



212, 242, 228



120, 108, 119



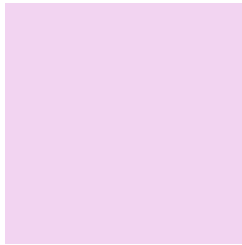
184, 0, 177



56, 0, 54

Previews

White Background



This preview shows how the RGB color 242, 212, 241 looks on a white background.

Color Contrast Check

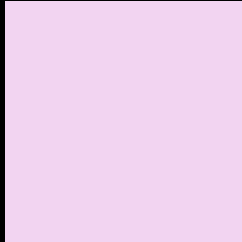
Large Text (above 18pt) WCAG AA × Fail

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, 212, 241 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, 212, 241 Background



This preview shows how black text looks on a background with the RGB color 242, 212, 241.



This preview shows how white text looks on a background with the RGB color 242, 212, 241.

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, 212, 241

Protanopia
218, 220, 246

Deuteranopia
234, 215, 240



Tritanopia
240, 214, 231

Trichromacy



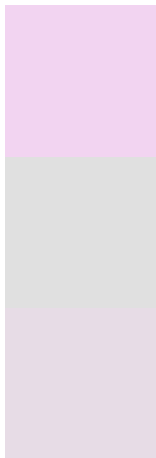
Original Color
242, 212, 241

Protanomaly
227, 217, 244

Deuteranomaly
237, 214, 240

Tritanomaly
241, 213, 235

Monochromacy



Original Color
242, 212, 241

Achromatopsia
224, 224, 224

Achromatomaly
231, 220, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 212, 241 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, 212, 241) looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 241)  
}
```

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, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 241) }
```

Border

The CSS property to change the border of an element to RGB 242, 212, 241 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, 212, 241) }
```

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

```
.border{ border-color:rgb(242, 212, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 212, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 242, 212, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 241) }
```

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

```
.background{ background-color: rgb(242,  
212, 241) }
```

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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