

Converting Colors

RGB(242, 177, 243)

Have a look what the booklet for
RGB(242, 177, 243) contains.

RGB(242, 177, 243)	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, 177, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F2B1F3
RGB	242, 177, 243
RGB Percent	95%, 69%, 95%
CMY	0.0510, 0.3059, 0.0471
CMYK	0.00, 0.27, 0.00, 0.05
HSL	299°, 73%, 82%
HSV	299°, 27%, 95%
XYZ	68.5178, 56.7926, 92.1448
YIQ	203.9590, 17.5540, 34.3060

Conversions

Conversions Part 2

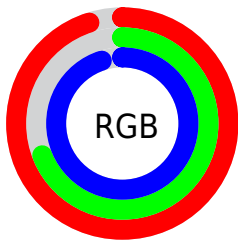
Format	Color
R _{YB}	242, 177, 243
Decimal	15905267
CIE Lab	80.06, 34.26, -23.55
CIE LCh	80, 41.574, 325.495
Yxy	56.7926, 0.3151, 0.2612
Android (android.graphics.Color)	4294095347 (0xFFF2B1F3)
YUV	203.9590, 19.2472, 33.3620
Hunter-Lab	75.3609, 30.4099, -19.7421

Details

The RGB color **242, 177, 243** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **178, 243, 177**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 233, 255**, and **185, 124, 187** is the 20% darker color. If you saturate the color by 10%, you get **242, 153, 243**, and if you desaturate by 10%, it is **242, 201, 243**.

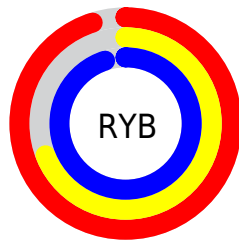
Distribution



Red (95%)

Green (69%)

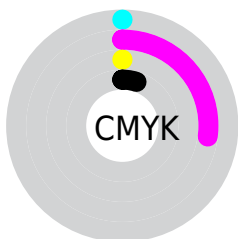
Blue (95%)



Red (95%)

Yellow (69%)

Blue (95%)

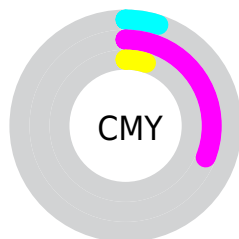


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (5%)


Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 177, 243 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, 177, 243 by changing the saturation by 10% instead.

 242, 177, 243

 242, 177, 243


255, 255, 255

 213, 150, 215


 255, 233, 255

 185, 124, 187

 158, 98, 160

 131, 73, 133

 105, 49, 108


 80, 25, 83


 55, 0, 60

 37, 0, 38


 0, 1, 15

 242, 177, 243


 242, 177, 243

 242, 153, 243


 242, 201, 243

 241, 128, 243


 243, 226, 243

 241, 104, 243


 243, 250, 243

 241, 80, 243

 243, 255, 243

 240, 55, 243

 244, 255, 243

 240, 31, 243

 244, 255, 243

 239, 7, 243

 245, 255, 243

 239, 0, 243

 245, 255, 243

 245, 255, 243

Harmonies

Analogous

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



195, 191, 255



242, 177, 243



255, 169, 206

Triad

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



242, 177, 243



230, 194, 121



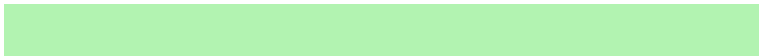
42, 219, 231

Complementary

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



242, 177, 243



178, 243, 177

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.



94, 219, 191



242, 177, 243



190, 206, 127

Square

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



242, 177, 243



255, 181, 136



145, 215, 153



65, 214, 255

Rectangle

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



242, 177, 243



255, 169, 180



145, 215, 153



57, 219, 218

Sweetspot

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



242, 177, 243



255, 235, 255



177, 178, 243



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 177, 243



254, 171, 255



243, 177, 211



122, 110, 122



183, 0, 186



58, 0, 59

Inverse Universe

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



243, 177, 178



255, 171, 172



177, 243, 209



122, 110, 110



186, 0, 3



59, 0, 1

Previews

White Background



This preview shows how the RGB color 242, 177, 243 looks on a white background.

Color Contrast Check

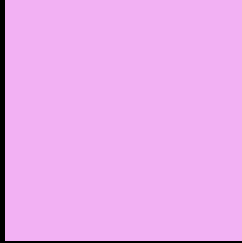
Large Text (above 18pt) WCAG AA × Fail

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, 177, 243 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, 177, 243 Background



This preview shows how black text looks on a background with the RGB color 242, 177, 243.

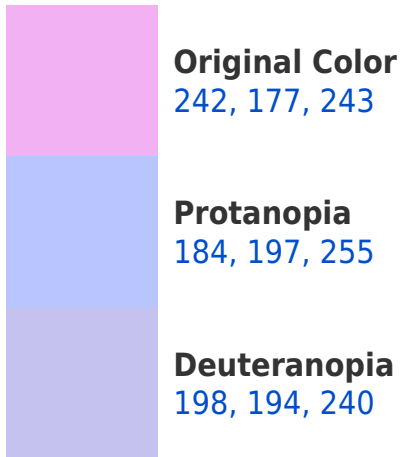



This preview shows how white text looks on a background with the RGB color 242, 177, 243.

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
236, 185, 200

Trichromacy



Original Color

242, 177, 243



Protanomaly

205, 190, 251



Deuteranomaly

214, 188, 241



Tritanomaly

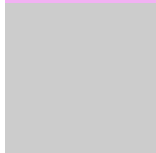
238, 182, 216

Monochromacy



Original Color

242, 177, 243



Achromatopsia

204, 204, 204



Achromatomaly

218, 194, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 177, 243 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, 177, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 243)  
}
```

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, 177, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 243) }
```

Border

The CSS property to change the border of an element to RGB 242, 177, 243 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, 177, 243) }
```

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

```
.border{ border-color:rgb(242, 177, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 177, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 177, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 177, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 177,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 242, 177, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 243) }
```

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

```
.background{ background-color: rgb(242,  
177, 243) }
```

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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