

# Converting Colors

RGB(242, 176, 238)

Have a look what the booklet for  
RGB(242, 176, 238) contains.

<b>RGB(242, 176, 238)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(242, 176, 238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2B0EE
RGB	242, 176, 238
RGB Percent	95%, 69%, 93%
CMY	0.0510, 0.3098, 0.0667
CMYK	0.00, 0.27, 0.02, 0.05
HSL	304°, 72%, 82%
HSV	304°, 27%, 95%
XYZ	67.5759, 56.1010, 88.1559
YIQ	202.8020, 19.4340, 33.2740

# Conversions

## Conversions Part 2

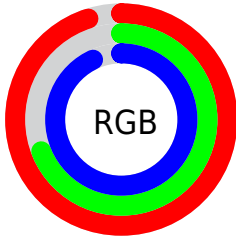
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	242, 176, 238
Decimal	15905006
CIE <sub>Lab</sub>	79.67, 33.88, -21.46
CIE <sub>LCh</sub>	80, 40.106, 327.657
Yxy	56.1010, 0.3190, 0.2648
Android (android.graphics.Color)	4294095086 (0xFFFF2B0EE)
YUV	202.8020, 17.3526, 34.3766
Hunter-Lab	74.9006, 29.9681, -17.3522

# Details

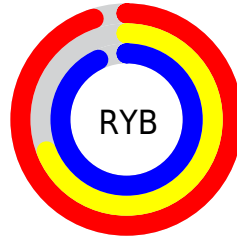
The RGB color **242, 176, 238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **176, 242, 180**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 232, 255**, and **185, 123, 182** is the 20% darker color. If you saturate the color by 10%, you get **242, 152, 237**, and if you desaturate by 10%, it is **242, 200, 239**.

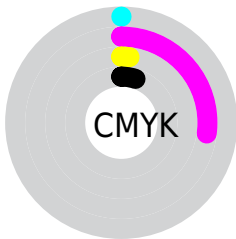
# Distribution



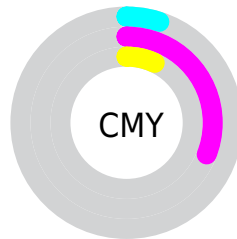
- Red (95%)
- Green (69%)
- Blue (93%)



- Red (95%)
- Yellow (69%)
- Blue (93%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (5%)




- Cyan (5%)
- Magenta (31%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 242, 176, 238 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, 176, 238 by changing the saturation by 10% instead.



 242, 176, 238

 242, 176, 238


255, 255, 255

 213, 149, 210

 255, 232, 255

 185, 123, 182

 158, 97, 155

 131, 72, 129

 105, 48, 104

 80, 24, 79


 55, 0, 56

 36, 0, 35


 0, 0, 9

 242, 176, 238

 242, 176, 238

 242, 152, 237


 242, 200, 239

 242, 128, 235

 242, 224, 241

 242, 103, 234

 242, 249, 242

 242, 79, 232

 242, 255, 244

 242, 55, 231

 242, 255, 245

 242, 31, 229

 242, 255, 247

 242, 7, 228

 242, 255, 248

 242, 0, 227

 242, 255, 250

 242, 255, 251

# Harmonies

## Analogous

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



198, 189, 255



242, 176, 238



255, 169, 202

# Triad

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



242, 176, 238



225, 194, 122



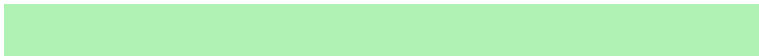
54, 217, 231

# Complementary

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



242, 176, 238



176, 242, 180

# 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.



95, 217, 193



242, 176, 238



187, 206, 130

# Square

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



242, 176, 238



255, 181, 135



143, 214, 156



78, 212, 255

# Rectangle

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



242, 176, 238



255, 169, 177



143, 214, 156



64, 218, 219



# Sweetspot

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



242, 176, 238



255, 235, 254



179, 176, 242



128, 115, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



242, 176, 238



255, 171, 250



242, 176, 206



120, 108, 119



184, 0, 172



56, 0, 53



# Inverse Universe

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



242, 176, 238



255, 171, 250



176, 242, 212



120, 108, 119



184, 0, 172



56, 0, 53



# Previews

## White Background



This preview shows how the RGB color 242, 176, 238 looks on a white background.

## Color Contrast Check

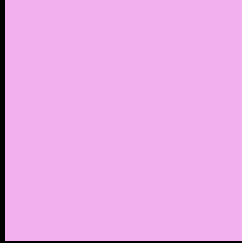
Large Text (above 18pt) WCAG AA × Fail

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, 176, 238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

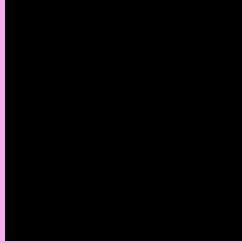
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 242, 176, 238 Background



This preview shows how black text looks on a background with the RGB color 242, 176, 238.



This preview shows how white text looks on a background with the RGB color 242, 176, 238.

# 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, 176, 238

**Protanopia**  
184, 196, 252

**Deuteranopia**  
199, 193, 235



**Tritanopia**  
237, 184, 198

# Trichromacy



**Original Color**

242, 176, 238



**Protanomaly**

205, 189, 247



**Deuteranomaly**

215, 187, 236



**Tritanomaly**

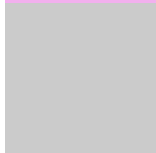
239, 181, 213

# Monochromacy



**Original Color**

242, 176, 238



**Achromatopsia**

203, 203, 203



**Achromatomaly**

217, 193, 216

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 242, 176, 238 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, 176, 238) looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 238)  
}
```

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, 176, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 238) }
```

## Border

The CSS property to change the border of an element to RGB 242, 176, 238 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, 176, 238) }
```

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

```
.border{ border-color:rgb(242, 176, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
238) }
```

# Background

The CSS property to change the background color of an element to RGB 242, 176, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 238) }
```

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

```
.background{ background-color: rgb(242,  
176, 238) }
```

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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