

# Converting Colors

RGB(232, 90, 182)

Have a look what the booklet for  
RGB(232, 90, 182) contains.

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# Color

**RGB(232, 90, 182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E85AB6
RGB	232, 90, 182
RGB Percent	91%, 35%, 71%
CMY	0.0902, 0.6471, 0.2863
CMYK	0.00, 0.61, 0.22, 0.09
HSL	321°, 76%, 63%
HSV	321°, 61%, 91%
XYZ	45.3784, 27.8455, 47.2390
YIQ	142.9460, 55.1000, 58.7160

# Conversions

## Conversions Part 2

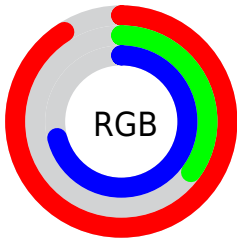
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 90, 182
Decimal	15227574
CIE Lab	59.75, 64.28, -20.80
CIE LCh	60, 67.566, 342.066
Yxy	27.8455, 0.3767, 0.2312
Android (android.graphics.Color)	4293417654 (0xFFE85AB6)
YUV	142.9460, 19.2536, 78.1004
Hunter-Lab	52.7689, 61.1548, -16.1385

# Details

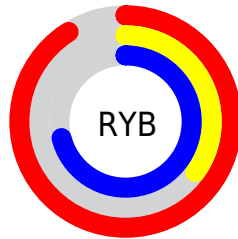
The RGB color **232, 90, 182** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **90, 232, 140**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 147, 238**, and **173, 24, 129** is the 20% darker color. If you saturate the color by 10%, you get **232, 67, 174**, and if you desaturate by 10%, it is **232, 113, 190**.

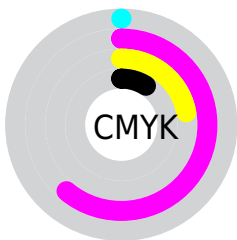
# Distribution



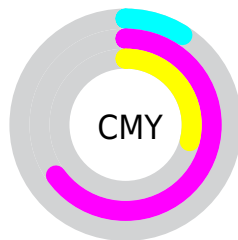
- Red (91%)
- Green (35%)
- Blue (71%)



- Red (91%)
- Yellow (35%)
- Blue (71%)



- Cyan (0%)
- Magenta (61%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (65%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 232, 90, 182 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 232, 90, 182 by changing the saturation by 10% instead.





232, 90, 182



232, 90, 182

255, 255, 255



202, 60, 155



255, 147, 238



173, 24, 129



255, 176, 255



144, 0, 104



255, 205, 255



116, 0, 79



255, 234, 255



88, 0, 56



63, 0, 35



32, 0, 9



0, 0, 0



232, 90, 182




232, 90, 182


 232, 67, 174

 232, 113, 190

 232, 44, 166

 232, 136, 198

 232, 20, 157

 232, 160, 207

 232, 0, 150

 232, 183, 215

 232, 206, 223

 232, 229, 231

 232, 252, 239

 232, 255, 247

 232, 255, 255

# Harmonies

## Analogous

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



177, 117, 233



232, 90, 182



250, 83, 122

# Triad

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



232, 90, 182



150, 149, 0



0, 169, 223

# Complementary

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



232, 90, 182



90, 232, 140

# 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.



0, 171, 167



232, 90, 182



82, 162, 46

# Square

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



232, 90, 182



201, 128, 10



0, 169, 105



0, 160, 255

# Rectangle

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



232, 90, 182



244, 94, 84



0, 169, 105



0, 170, 206



# Sweetspot

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



232, 90, 182



255, 209, 239



140, 90, 232



128, 99, 118



0, 0, 0



128, 128, 128



# Same Dimension

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



232, 90, 182



255, 69, 189



232, 90, 111



115, 103, 111



179, 0, 116



51, 0, 33



# Inverse Universe

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



232, 90, 182



255, 69, 189



90, 232, 211



115, 103, 111



179, 0, 116



51, 0, 33



# Previews

## White Background



This preview shows how the RGB color 232, 90, 182 looks on a white background.

## Color Contrast Check

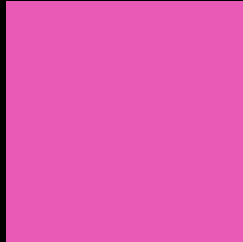
Large Text (above 18pt) WCAG AA ✓ Pass

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 232, 90, 182 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 × Fail

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



## RGB 232, 90, 182 Background



This preview shows how black text looks on a background with the RGB color 232, 90, 182.

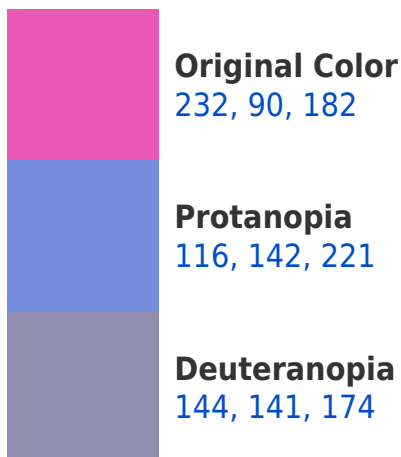



This preview shows how white text looks on a background with the RGB color 232, 90, 182.

# 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**  
226, 107, 114

# Trichromacy



**Original Color**

232, 90, 182



**Protanomaly**

158, 123, 207



**Deuteranomaly**

176, 122, 177



**Tritanomaly**

228, 101, 139

# Monochromacy



**Original Color**

232, 90, 182



**Achromatopsia**

143, 143, 143



**Achromatomaly**

175, 124, 157

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 232, 90, 182 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(232, 90, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 90, 182)  
}
```

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(232, 90, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 90, 182) }
```

## Border

The CSS property to change the border of an element to RGB 232, 90, 182 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(232, 90, 182) }
```

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

```
.border{ border-color:rgb(232, 90, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 90, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 90, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 90, 182);  
box-shadow:4px 4px 4px 4px rgb(232, 90,  
182) }
```

# Background

The CSS property to change the background color of an element to RGB 232, 90, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 90, 182) }
```

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

```
.background{ background-color: rgb(232, 90,  
182) }
```

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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