

Converting Colors

RGB(242, 122, 232)

Have a look what the booklet for
RGB(242, 122, 232) contains.

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Color

RGB(242, 122, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F27AE8
RGB	242, 122, 232
RGB Percent	95%, 48%, 91%
CMY	0.0510, 0.5216, 0.0902
CMYK	0.00, 0.50, 0.04, 0.05
HSL	305°, 82%, 71%
HSV	305°, 50%, 95%
XYZ	58.1430, 38.6225, 80.7343
YIQ	170.4200, 36.2100, 59.6500

Conversions

Conversions Part 2

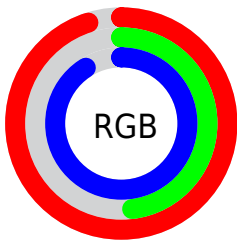
Format	Color
R _Y B	242, 122, 232
Decimal	15891176
CIE Lab	68.48, 60.32, -35.37
CIE LCh	68, 69.927, 329.614
Yxy	38.6225, 0.3276, 0.2176
Android (android.graphics.Color)	4294081256 (0xFFFF27AE8)
YUV	170.4200, 30.3589, 62.7757
Hunter-Lab	62.1470, 58.2422, -33.5199

Details

The RGB color **242, 122, 232** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **122, 242, 132**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 178, 255**, and **183, 66, 176** is the 20% darker color. If you saturate the color by 10%, you get **242, 98, 230**, and if you desaturate by 10%, it is **242, 146, 234**.

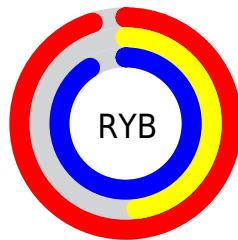
Distribution



Red (95%)

Green (48%)

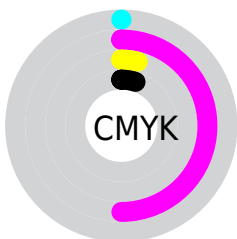
Blue (91%)



Red (95%)

Yellow (48%)

Blue (91%)

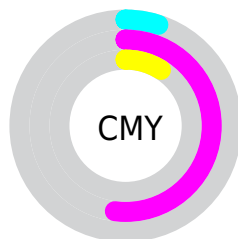


Cyan (0%)

Magenta (50%)

Yellow (4%)

Black (5%)



Cyan (5%)


Magenta (52%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 122, 232 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, 122, 232 by changing the saturation by 10% instead.

 242, 122, 232

 242, 122, 232


255, 255, 255

 212, 94, 204

 255, 178, 255

 183, 66, 176

 255, 207, 255

 155, 35, 149

 255, 236, 255

 127, 0, 123


 100, 0, 98

 73, 0, 73

 49, 0, 50


 10, 0, 28


 0, 0, 0


 242, 122, 232


 242, 122, 232


 242, 98, 230


 242, 146, 234

 242, 74, 228

 242, 170, 236

 242, 49, 226

 242, 195, 238

 242, 25, 224

 242, 219, 240

 242, 1, 222

 242, 243, 242

 242, 0, 222

 242, 255, 244

 242, 255, 246

 242, 255, 248

 242, 255, 250

Harmonies

Analogous

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



164, 151, 255



242, 122, 232



255, 104, 171

Triad

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



242, 122, 232



199, 164, 13



0, 196, 228

Complementary

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



242, 122, 232



122, 242, 132

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, 196, 164



242, 122, 232



136, 181, 43

Square

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



242, 122, 232



248, 139, 55



18, 192, 99



0, 190, 255

Rectangle

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



242, 122, 232



255, 108, 128



18, 192, 99



0, 197, 208

Sweetspot

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



242, 122, 232



255, 217, 252



132, 122, 242



128, 105, 126



0, 0, 0



128, 128, 128

Same Dimension

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



242, 122, 232



255, 102, 242



242, 122, 172



120, 108, 119



184, 0, 168



56, 0, 51

Inverse Universe

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



242, 122, 232



255, 102, 242



122, 242, 192



120, 108, 119



184, 0, 168



56, 0, 51

Previews

White Background



This preview shows how the RGB color 242, 122, 232 looks on a white background.

Color Contrast Check

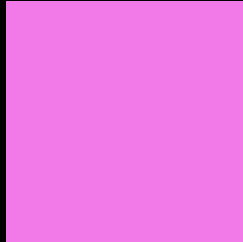
Large Text (above 18pt) WCAG AA × Fail

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, 122, 232 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, 122, 232 Background



This preview shows how black text looks on a background with the RGB color 242, 122, 232.

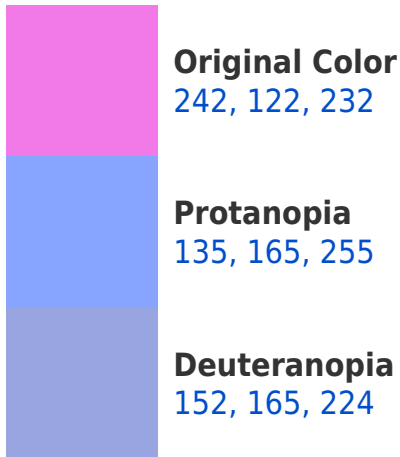


This preview shows how white text looks on a background with the RGB color 242, 122, 232.

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
232, 141, 151

Trichromacy



Original Color

242, 122, 232



Protanomaly

174, 149, 247



Deuteranomaly

185, 149, 227



Tritanomaly

236, 134, 180

Monochromacy



Original Color

242, 122, 232



Achromatopsia

170, 170, 170



Achromatomaly

196, 153, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 122, 232 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, 122, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 122, 232)  
}
```

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, 122, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 122, 232) }
```

Border

The CSS property to change the border of an element to RGB 242, 122, 232 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, 122, 232) }
```

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

```
.border{ border-color:rgb(242, 122, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 122, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 122, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 122, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 122,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 242, 122, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 122, 232) }
```

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

```
.background{ background-color: rgb(242,  
122, 232) }
```

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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