

Converting Colors

RGB(242, 125, 226)

Have a look what the booklet for
RGB(242, 125, 226) contains.

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Color

RGB(242, 125, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F27DE2
RGB	242, 125, 226
RGB Percent	95%, 49%, 89%
CMY	0.0510, 0.5098, 0.1137
CMYK	0.00, 0.48, 0.07, 0.05
HSL	308°, 82%, 72%
HSV	308°, 48%, 95%
XYZ	57.6790, 39.0355, 76.4461
YIQ	171.4970, 37.3110, 56.2150

Conversions

Conversions Part 2

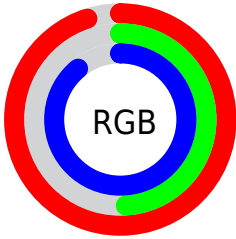
Format	Color
RYB	242, 125, 226
Decimal	15891938
CIELab	68.78, 57.90, -31.59
CIELCh	69, 65.954, 331.382
Yxy	39.0355, 0.3331, 0.2254
Android (android.graphics.Color)	4294082018 (0xFFFF27DE2)
YUV	171.4970, 26.8700, 61.8311
Hunter-Lab	62.4784, 55.4512, -28.8101

Details

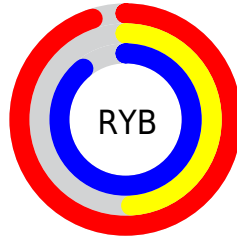
The RGB color **242, 125, 226** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **125, 242, 141**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 181, 255**, and **184, 70, 170** is the 20% darker color. If you saturate the color by 10%, you get **242, 101, 223**, and if you desaturate by 10%, it is **242, 149, 229**.

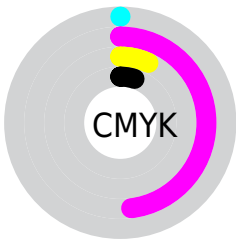
Distribution



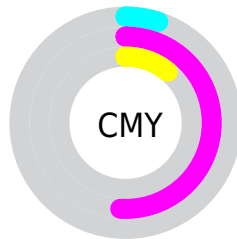
- Red (95%)
- Green (49%)
- Blue (89%)



- Red (95%)
- Yellow (49%)
- Blue (89%)



- Cyan (0%)
- Magenta (48%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 125, 226 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, 125, 226 by changing the saturation by 10% instead.

 242, 125, 226

 242, 125, 226

255, 255, 255

 213, 98, 198

 255, 181, 255

 184, 70, 170

 255, 210, 255

 155, 40, 144


 255, 239, 255

 127, 0, 118

 100, 0, 93

 73, 0, 69

 50, 0, 46

 11, 0, 24


 0, 0, 0


 242, 125, 226


 242, 125, 226


 242, 101, 223


 242, 149, 229

 242, 77, 219

 242, 173, 233

 242, 52, 216

 242, 198, 236

 242, 28, 213

 242, 222, 239

 242, 4, 209

 242, 246, 243

 242, 0, 209

 242, 255, 246

 242, 255, 249

 242, 255, 252

 242, 255, 255

Harmonies

Analogous

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



172, 151, 255



242, 125, 226



255, 111, 168

Triad

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



242, 125, 226



196, 166, 33



0, 195, 228

Complementary

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



242, 125, 226



125, 242, 141

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, 169



242, 125, 226



136, 182, 56

Square

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



242, 125, 226



243, 143, 60



32, 192, 108



0, 189, 255

Rectangle

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



242, 125, 226



255, 114, 128



32, 192, 108



0, 196, 210

Sweetspot

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



242, 125, 226



255, 217, 250



141, 125, 242



128, 105, 124



0, 0, 0



128, 128, 128

Same Dimension

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



242, 125, 226



255, 107, 235



242, 125, 168



120, 108, 118



184, 0, 158



56, 0, 48

Inverse Universe

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



242, 125, 226



255, 107, 235



125, 242, 199



120, 108, 118



184, 0, 158



56, 0, 48

Previews

White Background



This preview shows how the RGB color 242, 125, 226 looks on a white background.

Color Contrast Check

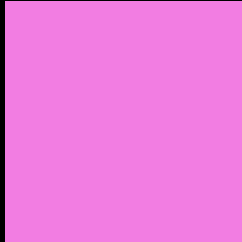
Large Text (above 18pt) WCAG AA × Fail

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, 125, 226 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, 125, 226 Background



This preview shows how black text looks on a background with the RGB color 242, 125, 226.

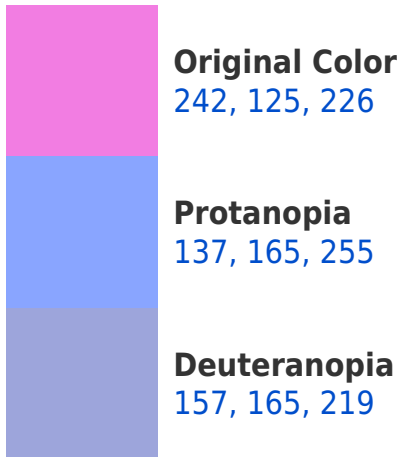



This preview shows how white text looks on a background with the RGB color 242, 125, 226.

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
233, 142, 152

Trichromacy



Original Color

242, 125, 226



Protanomaly

175, 150, 244



Deuteranomaly

188, 150, 222



Tritanomaly

236, 136, 179

Monochromacy



Original Color

242, 125, 226



Achromatopsia

171, 171, 171



Achromatomaly

197, 154, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 125, 226 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, 125, 226) looks like.

```
.text, #text, p{  
    color:rgb(242, 125, 226)  
}
```

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, 125, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 125, 226) }
```

Border

The CSS property to change the border of an element to RGB 242, 125, 226 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, 125, 226) }
```

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

```
.border{ border-color:rgb(242, 125, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 125, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 125, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 125, 226);  
box-shadow:4px 4px 4px 4px rgb(242, 125,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 242, 125, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 125, 226) }
```

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

```
.background{ background-color: rgb(242,  
125, 226) }
```

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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