

Converting Colors

RGB(242, 115, 227)

Have a look what the booklet for
RGB(242, 115, 227) contains.

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Color

RGB(242, 115, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F273E3
RGB	242, 115, 227
RGB Percent	95%, 45%, 89%
CMY	0.0510, 0.5490, 0.1098
CMYK	0.00, 0.52, 0.06, 0.05
HSL	307°, 83%, 70%
HSV	307°, 52%, 95%
XYZ	56.6138, 36.6848, 76.7700
YIQ	165.7410, 39.7400, 61.7560

Conversions

Conversions Part 2

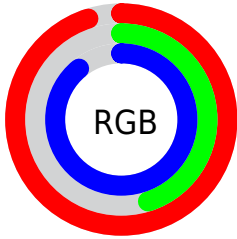
Format	Color
R_{YB}	242, 115, 227
Decimal	15889379
CIE _{Lab}	67.04, 62.76, -34.84
CIE _{LCh}	67, 71.782, 330.967
Yxy	36.6848, 0.3329, 0.2157
Android (android.graphics.Color)	4294079459 (0xFFFF273E3)
YUV	165.7410, 30.2007, 66.8791
Hunter-Lab	60.5679, 60.8528, -32.7527

Details

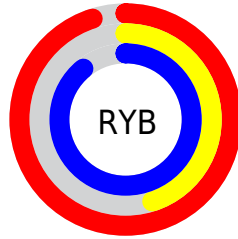
The RGB color **242, 115, 227** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **115, 242, 130**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 171, 255**, and **183, 58, 171** is the 20% darker color. If you saturate the color by 10%, you get **242, 91, 224**, and if you desaturate by 10%, it is **242, 139, 230**.

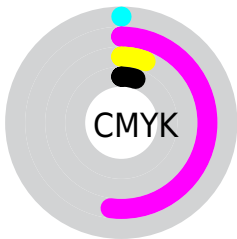
Distribution



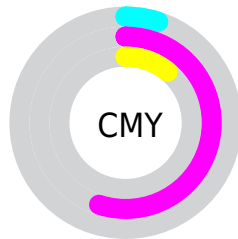
- Red (95%)
- Green (45%)
- Blue (89%)



- Red (95%)
- Yellow (45%)
- Blue (89%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 115, 227 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, 115, 227 by changing the saturation by 10% instead.

 242, 115, 227

 242, 115, 227

255, 255, 255

 212, 87, 199

 255, 171, 255

 183, 58, 171

 255, 200, 255

 155, 23, 144

 255, 229, 255

 127, 0, 118

 99, 0, 93

 72, 0, 69

 47, 0, 46

 4, 0, 24

 0, 0, 0

■ 242, 115, 227

■ 242, 115, 227

■ 242, 91, 224

■ 242, 139, 230

■ 242, 67, 221

■ 242, 163, 233

■ 242, 42, 218

■ 242, 188, 236

■ 242, 18, 216

■ 242, 212, 238

■ 242, 0, 213

■ 242, 236, 241

■ 242, 255, 244

■ 242, 255, 247

■ 242, 255, 250

■ 242, 255, 253

Harmonies

Analogous

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



164, 145, 255



242, 115, 227



255, 97, 164

Triad

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



242, 115, 227



192, 161, 0



0, 192, 228

Complementary

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



242, 115, 227



115, 242, 130

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, 193, 163



242, 115, 227



128, 178, 36

Square

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



242, 115, 227



243, 136, 44



0, 188, 97



0, 186, 255

Rectangle

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



242, 115, 227



255, 102, 121



0, 188, 97



0, 193, 208

Sweetspot

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



242, 115, 227



255, 214, 250



130, 115, 242



128, 103, 125



0, 0, 0



128, 128, 128

Same Dimension

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



242, 115, 227



255, 94, 236



242, 115, 164



120, 108, 118



184, 0, 162



56, 0, 49

Inverse Universe

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



242, 115, 227



255, 94, 236



115, 242, 193



120, 108, 118



184, 0, 162



56, 0, 49

Previews

White Background



This preview shows how the RGB color 242, 115, 227 looks on a white background.

Color Contrast Check

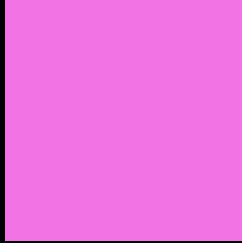
Large Text (above 18pt) WCAG AA × Fail

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, 115, 227 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, 115, 227 Background



This preview shows how black text looks on a background with the RGB color 242, 115, 227.

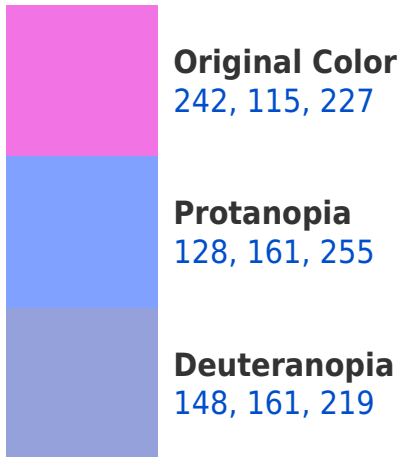


This preview shows how white text looks on a background with the RGB color 242, 115, 227.

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, 135, 145

Trichromacy



Original Color

242, 115, 227



Protanomaly

169, 144, 245



Deuteranomaly

182, 144, 222



Tritanomaly

236, 128, 175

Monochromacy



Original Color

242, 115, 227



Achromatopsia

166, 166, 166



Achromatomaly

194, 147, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 115, 227 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, 115, 227) looks like.

```
.text, #text, p{  
    color:rgb(242, 115, 227)  
}
```

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, 115, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 115, 227) }
```

Border

The CSS property to change the border of an element to RGB 242, 115, 227 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, 115, 227) }
```

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

```
.border{ border-color:rgb(242, 115, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 115, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 115, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 115, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 115,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 242, 115, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 115, 227) }
```

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

```
.background{ background-color: rgb(242,  
115, 227) }
```

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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