

Converting Colors

RGB(242, 77, 174)

Have a look what the booklet for
RGB(242, 77, 174) contains.

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Color

RGB(242, 77, 174)

Conversions

Conversions Part 1

Format	Color
Hex	F24DAE
RGB	242, 77, 174
RGB Percent	95%, 30%, 68%
CMY	0.0510, 0.6980, 0.3176
CMYK	0.00, 0.68, 0.28, 0.05
HSL	325°, 86%, 63%
HSV	325°, 68%, 95%
XYZ	46.9118, 27.2410, 42.8299
YIQ	137.3930, 67.2030, 65.1470

Conversions

Conversions Part 2

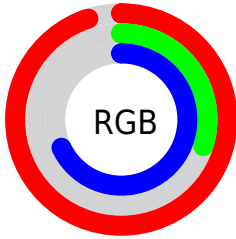
Format	Color
R _Y B	242, 77, 174
Decimal	15879598
CIE _{Lab}	59.20, 71.02, -16.89
CIE _{LCh}	59, 72.998, 346.621
Yxy	27.2410, 0.4010, 0.2329
Android (android.graphics.Color)	4294069678 (0xFFFF24DAE)
YUV	137.3930, 18.0473, 91.7403
Hunter-Lab	52.1929, 69.1010, -12.1188

Details

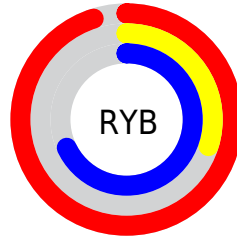
The RGB color **242, 77, 174** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **77, 242, 145**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 137, 230**, and **182, 0, 122** is the 20% darker color. If you saturate the color by 10%, you get **242, 53, 164**, and if you desaturate by 10%, it is **242, 101, 184**.

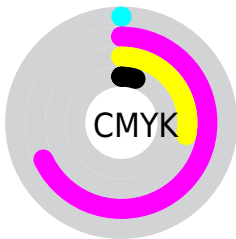
Distribution



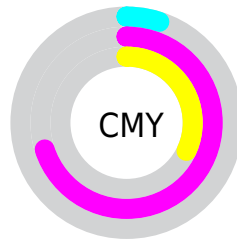
- Red (95%)
- Green (30%)
- Blue (68%)



- Red (95%)
- Yellow (30%)
- Blue (68%)



- Cyan (0%)
- Magenta (68%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (70%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 77, 174 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, 77, 174 by changing the saturation by 10% instead.



242, 77, 174



242, 77, 174

255, 255, 255



212, 43, 147



255, 137, 230



182, 0, 122



255, 166, 255



152, 0, 97



255, 195, 255



123, 0, 73



255, 225, 255



94, 0, 50

255, 255, 255



68, 0, 29



38, 0, 1



0, 0, 0



242, 77, 174



242, 77, 174

■ 242, 53, 164

■ 242, 101, 184

■ 242, 29, 154

■ 242, 125, 194

■ 242, 4, 144

■ 242, 150, 204

■ 242, 0, 142

■ 242, 174, 214

■ 242, 198, 224

■ 242, 222, 234

■ 242, 246, 244

■ 242, 255, 254

■ 242, 255, 255

Harmonies

Analogous

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



189, 107, 232



242, 77, 174



255, 73, 110

Triad

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



242, 77, 174



138, 150, 0



0, 168, 235

Complementary

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



242, 77, 174



77, 242, 145

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, 177



242, 77, 174



55, 163, 44

Square

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



242, 77, 174



195, 129, 0



0, 170, 111



0, 158, 255

Rectangle

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



242, 77, 174



246, 90, 69



0, 170, 111



0, 170, 218

Sweetspot

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



242, 77, 174



255, 204, 234



143, 77, 242



128, 97, 115



0, 0, 0



128, 128, 128

Same Dimension

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



242, 77, 174



255, 46, 169



242, 77, 94



120, 108, 115



184, 0, 108



56, 0, 33

Inverse Universe

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



242, 77, 174



255, 46, 169



77, 242, 225



120, 108, 115



184, 0, 108



56, 0, 33

Previews

White Background



This preview shows how the RGB color 242, 77, 174 looks on a white background.

Color Contrast Check

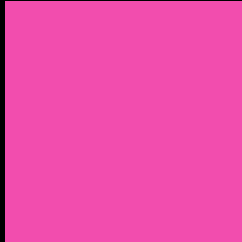
Large Text (above 18pt) WCAG AA ✓ Pass

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 242, 77, 174 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 242, 77, 174 Background



This preview shows how black text looks on a background with the RGB color 242, 77, 174.



This preview shows how white text looks on a background with the RGB color 242, 77, 174.

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, 77, 174

Protanopia
114, 140, 220

Deuteranopia
146, 139, 165



Tritanopia
236, 96, 102

Trichromacy



Original Color

242, 77, 174



Protanomaly

161, 117, 203



Deuteranomaly

181, 116, 168



Tritanomaly

238, 89, 128

Monochromacy



Original Color

242, 77, 174



Achromatopsia

137, 137, 137



Achromatomaly

175, 115, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 77, 174 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, 77, 174) looks like.

```
.text, #text, p{  
    color:rgb(242, 77, 174)  
}
```

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, 77, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 77, 174) }
```

Border

The CSS property to change the border of an element to RGB 242, 77, 174 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, 77, 174) }
```

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

```
.border{ border-color:rgb(242, 77, 174) }
```

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

Here you see how a box with a 4 pixel rgb(242, 77, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 77, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 77, 174);  
box-shadow:4px 4px 4px 4px rgb(242, 77,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 242, 77, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 77, 174) }
```

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

```
.background{ background-color: rgb(242, 77,  
174) }
```

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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