

Converting Colors

RGB(242, 92, 135)

Have a look what the booklet for
RGB(242, 92, 135) contains.

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Color

RGB(242, 92, 135)

Conversions

Conversions Part 1

Format	Color
Hex	F25C87
RGB	242, 92, 135
RGB Percent	95%, 36%, 53%
CMY	0.0510, 0.6392, 0.4706
CMYK	0.00, 0.62, 0.44, 0.05
HSL	343°, 85%, 65%
HSV	343°, 62%, 95%
XYZ	44.8183, 28.2808, 26.0182
YIQ	141.7520, 75.5970, 45.1730

Conversions

Conversions Part 2

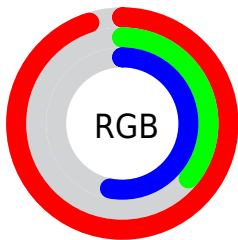
Format	Color
R _Y B	242, 92, 135
Decimal	15883399
CIE Lab	60.14, 60.98, 7.17
CIE LCh	60, 61.396, 6.706
Yxy	28.2808, 0.4522, 0.2853
Android (android.graphics.Color)	4294073479 (0xFFFF25C87)
YUV	141.7520, -3.3287, 87.9175
Hunter-Lab	53.1797, 57.3700, 8.2181

Details

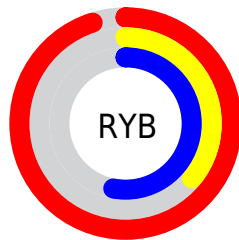
The RGB color **242, 92, 135** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **92, 242, 199**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 149, 188**, and **181, 28, 86** is the 20% darker color. If you saturate the color by 10%, you get **242, 68, 118**, and if you desaturate by 10%, it is **242, 116, 152**.

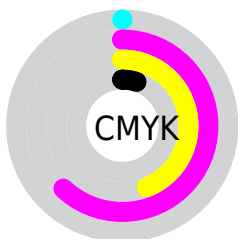
Distribution



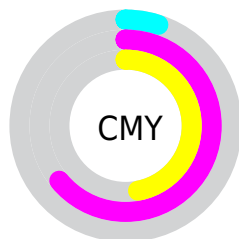
- Red (95%)
- Green (36%)
- Blue (53%)



- Red (95%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (62%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 92, 135 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, 92, 135 by changing the saturation by 10% instead.



242, 92, 135



242, 92, 135

255, 255, 255



211, 63, 110



255, 149, 188



181, 28, 86



255, 177, 216



151, 0, 63



255, 206, 244



122, 0, 41



255, 236, 255



92, 0, 21



66, 0, 3



32, 0, 1



0, 0, 0



242, 92, 135



242, 92, 135

■ 242, 68, 118

■ 242, 116, 152

■ 242, 44, 100

■ 242, 140, 170

■ 242, 19, 83

■ 242, 165, 187

■ 242, 0, 69

■ 242, 189, 204

■ 242, 213, 221

■ 242, 237, 239

■ 242, 255, 255

Harmonies

Analogous

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



219, 102, 189



242, 92, 135



235, 104, 83

Triad

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



242, 92, 135



104, 160, 50



0, 162, 244

Complementary

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



242, 92, 135



92, 242, 199

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, 169, 208



242, 92, 135



0, 168, 100

Square

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



242, 92, 135



161, 146, 19



0, 171, 156



29, 147, 253

Rectangle

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



242, 92, 135



218, 119, 53



0, 171, 156



0, 165, 235

Sweetspot

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



242, 92, 135



255, 207, 220



197, 92, 242



128, 98, 107



0, 0, 0



128, 128, 128

Same Dimension

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



242, 92, 135



255, 66, 120



242, 122, 92



120, 108, 111



184, 0, 53



56, 0, 16

Inverse Universe

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



242, 92, 135



255, 66, 120



92, 212, 242



120, 108, 111



184, 0, 53



56, 0, 16

Previews

White Background



This preview shows how the RGB color 242, 92, 135 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, 92, 135 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, 92, 135 Background



This preview shows how black text looks on a background with the RGB color 242, 92, 135.



This preview shows how white text looks on a background with the RGB color 242, 92, 135.

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
240, 98, 104

Trichromacy



Original Color

242, 92, 135



Protanomaly

178, 125, 154



Deuteranomaly

194, 123, 131



Tritanomaly

241, 96, 115

Monochromacy



Original Color

242, 92, 135



Achromatopsia

142, 142, 142



Achromatomaly

178, 124, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 92, 135 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, 92, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 135)  
}
```

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, 92, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 135) }
```

Border

The CSS property to change the border of an element to RGB 242, 92, 135 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, 92, 135) }
```

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

```
.border{ border-color:rgb(242, 92, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 92, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 92,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 242, 92, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 135) }
```

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

```
.background{ background-color: rgb(242, 92,  
135) }
```

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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