

Converting Colors

`RYB(243, 92, 162)`

Have a look what the booklet for RYB(243, 92, 162) contains.

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Color

R_YB(243, 92, 162)

Conversions

Conversions Part 1

Format	Color
Hex	F35CA2
RGB	243, 92, 162
RGB Percent	95%, 36%, 64%
CMY	0.0471, 0.6392, 0.3647
CMYK	0.00, 0.62, 0.33, 0.05
HSL	332°, 86%, 66%
HSV	332°, 62%, 95%
XYZ	47.3109, 29.3176, 37.3477
YIQ	145.1290, 67.5260, 53.7820

Conversions

Conversions Part 2

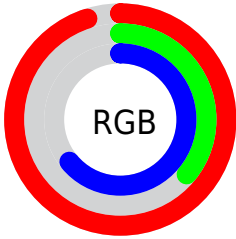
Format	Color
R _Y B	243, 92, 162
Decimal	15948962
CIE Lab	61.06, 64.10, -7.14
CIE LCh	61, 64.495, 353.646
Yxy	29.3176, 0.4151, 0.2572
Android (android.graphics.Color)	4294139042 (0xFFFF35CA2)
YUV	145.1290, 8.3174, 85.8329
Hunter-Lab	54.1457, 61.2128, -2.9940

Details

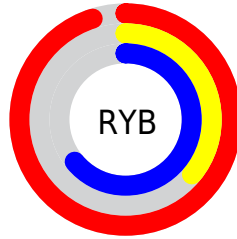
The RYB color **243, 92, 162** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **92, 190, 243**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 149, 217**, and **183, 26, 110** is the 20% darker color. If you saturate the color by 10%, you get **243, 68, 149**, and if you desaturate by 10%, it is **243, 116, 175**.

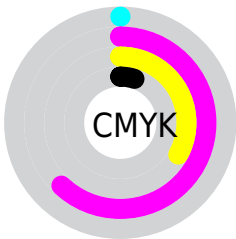
Distribution



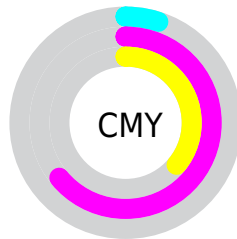
- Red (95%)
- Green (36%)
- Blue (64%)



- Red (95%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 92, 162 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 RYB color 243, 92, 162 by changing the saturation by 10% instead.



243, 92, 162



243, 92, 162

255, 255, 255



213, 62, 136



255, 149, 217



183, 26, 110



255, 178, 245



153, 0, 86



255, 207, 255



124, 0, 63



255, 237, 255



95, 0, 41



69, 0, 21



39, 0, 1



0, 0, 0



243, 92, 162



243, 92, 162

■ 243, 68, 149

■ 243, 116, 175

■ 243, 43, 136

■ 243, 141, 188

■ 243, 19, 123

■ 243, 165, 201

■ 243, 0, 113

■ 243, 189, 214

■ 243, 213, 227

■ 243, 238, 240

■ 243, 250, 255

■ 243, 249, 255

Harmonies

Analogous

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



204, 112, 216



243, 92, 162



248, 95, 105

Triad

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



243, 92, 162



26, 158, 52



0, 99, 238

Complementary

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



243, 92, 162



92, 190, 243

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, 91, 192



243, 92, 162



52, 148, 168

Square

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



243, 92, 162



75, 186, 12



0, 98, 173



0, 98, 255

Rectangle

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



243, 92, 162



236, 120, 71



0, 98, 173



0, 97, 225

Sweetspot

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



243, 92, 162



255, 207, 229



173, 92, 243



128, 98, 112



0, 0, 0



128, 128, 128

Same Dimension

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



243, 92, 162



255, 64, 152



243, 97, 92



122, 110, 116



186, 0, 86



59, 0, 27

Inverse Universe

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



243, 92, 162



255, 64, 152



92, 166, 243



122, 110, 116



186, 0, 86



59, 0, 27

Previews

White Background



This preview shows how the RYB color 243, 92, 162 looks on a white background.

Color Contrast Check

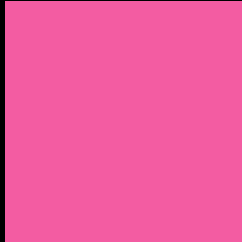
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 243, 92, 162 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 243, 92, 162 Background



This preview shows how black text looks on a background with the RGB color 243, 92, 162.



This preview shows how white text looks on a background with the RGB color 243, 92, 162.

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
243, 92, 162

Protanopia
133, 144, 198

Deuteranopia
159, 143, 154



Tritanopia
239, 104, 110

Trichromacy



Original Color

243, 92, 162



Protanomaly

173, 126, 185



Deuteranomaly

190, 124, 157



Tritanomaly

240, 100, 129

Monochromacy



Original Color

243, 92, 162



Achromatopsia

145, 145, 145



Achromatomaly

181, 126, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 92, 162 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(243, 92, 162)` looks like.

```
.text, #text, p{  
    color:rgb(243, 92, 162)  
}
```

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(243, 92, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 92, 162) }
```

Border

The CSS property to change the border of an element to RYB 243, 92, 162 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(243, 92, 162) }
```

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

```
.border{ border-color:rgb(243, 92, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 92, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 92, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 92, 162);  
box-shadow:4px 4px 4px 4px rgb(243, 92,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 243, 92, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 92, 162) }
```

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

```
.background{ background-color: rgb(243, 92,  
162) }
```

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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