

Converting Colors

RGB(242, 64, 130)

Have a look what the booklet for
RGB(242, 64, 130) contains.

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Color

RGB(242, 64, 130)

Conversions

Conversions Part 1

Format	Color
Hex	F24082
RGB	242, 64, 130
RGB Percent	95%, 25%, 51%
CMY	0.0510, 0.7490, 0.4902
CMYK	0.00, 0.74, 0.46, 0.05
HSL	338°, 87%, 60%
HSV	338°, 74%, 95%
XYZ	42.4806, 24.1557, 23.5426
YIQ	124.7460, 84.9020, 58.2620

Conversions

Conversions Part 2

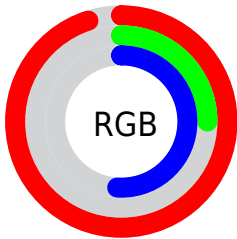
Format	Color
RYB	242, 64, 130
Decimal	15876226
CIELab	56.24, 70.89, 4.52
CIElCh	56, 71.035, 3.646
Yxy	24.1557, 0.4711, 0.2679
Android (android.graphics.Color)	4294066306 (0xFFFF24082)
YUV	124.7460, 2.5902, 102.8318
Hunter-Lab	49.1485, 68.2734, 6.0034

Details

The RGB color **242, 64, 130** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **64, 242, 176**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 125, 183**, and **180, 0, 81** is the 20% darker color. If you saturate the color by 10%, you get **242, 40, 115**, and if you desaturate by 10%, it is **242, 88, 145**.

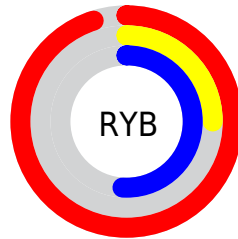
Distribution



Red (95%)

Green (25%)

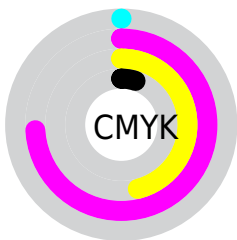
Blue (51%)



Red (95%)

Yellow (25%)

Blue (51%)

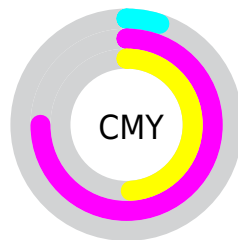


Cyan (0%)

Magenta (74%)

Yellow (46%)

Black (5%)



Cyan (5%)


Magenta (75%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 64, 130 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, 64, 130 by changing the saturation by 10% instead.

 242, 64, 130

 242, 64, 130

255, 255, 255

 211, 23, 105

 255, 125, 183

 180, 0, 81

 255, 155, 210

 150, 0, 58

 255, 184, 238

 119, 0, 37

 255, 214, 255

 90, 0, 16

 255, 244, 255

 61, 0, 3

 24, 0, 1

 0, 0, 0

 242, 64, 130

 242, 64, 130

■ 242, 40, 115

■ 242, 88, 145

■ 242, 16, 100

■ 242, 112, 160

■ 242, 0, 90

■ 242, 137, 176

■ 242, 161, 191

■ 242, 185, 206

■ 242, 209, 221

■ 242, 233, 237

■ 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.



214, 83, 191



242, 64, 130



236, 81, 70

Triad

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



242, 64, 130



91, 150, 0



0, 155, 246

Complementary

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



242, 64, 130



64, 242, 176

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, 162, 202



242, 64, 130



0, 159, 76

Square

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



242, 64, 130



156, 135, 0



0, 162, 141



0, 140, 255

Rectangle

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



242, 64, 130



217, 101, 31



0, 162, 141



0, 158, 234

Sweetspot

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



242, 64, 130



255, 199, 220



174, 64, 242



128, 94, 107



0, 0, 0



128, 128, 128

Same Dimension

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



242, 64, 130



255, 31, 114



242, 85, 64



120, 108, 112



184, 0, 68



56, 0, 21

Inverse Universe

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



242, 64, 130



255, 31, 114



64, 221, 242



120, 108, 112



184, 0, 68



56, 0, 21

Previews

White Background



This preview shows how the RGB color 242, 64, 130 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, 64, 130 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, 64, 130 Background



This preview shows how black text looks on a background with the RGB color 242, 64, 130.

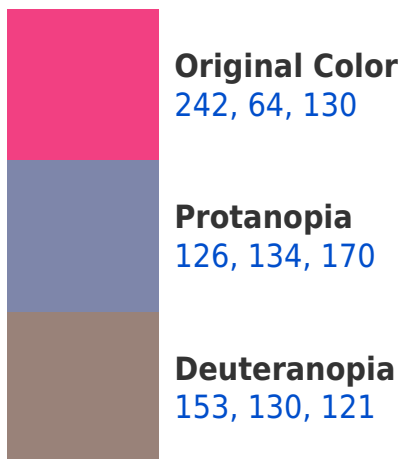


This preview shows how white text looks on a background with the RGB color 242, 64, 130.

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
239, 76, 80

Trichromacy



Original Color

242, 64, 130



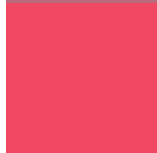
Protanomaly

168, 109, 155



Deuteranomaly

185, 106, 124



Tritanomaly

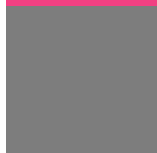
240, 72, 98

Monochromacy



Original Color

242, 64, 130



Achromatopsia

125, 125, 125



Achromatomaly

168, 103, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 64, 130 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, 64, 130)` looks like.

```
.text, #text, p{  
    color:rgb(242, 64, 130)  
}
```

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, 64, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 64, 130) }
```

Border

The CSS property to change the border of an element to RGB 242, 64, 130 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, 64, 130) }
```

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

```
.border{ border-color:rgb(242, 64, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 64, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 64, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 64, 130);  
box-shadow:4px 4px 4px 4px rgb(242, 64,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 242, 64, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 64, 130) }
```

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

```
.background{ background-color: rgb(242, 64,  
130) }
```

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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