

Converting Colors

`RYB(241, 69, 162)`

Have a look what the booklet for RYB(241, 69, 162) contains.

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Color

`RYB(241, 69, 162)`

Conversions

Conversions Part 1

Format	Color
Hex	F145A2
RGB	241, 69, 162
RGB Percent	95%, 27%, 64%
CMY	0.0549, 0.7294, 0.3647
CMYK	0.00, 0.71, 0.33, 0.05
HSL	328°, 86%, 61%
HSV	328°, 71%, 95%
XYZ	44.9253, 25.5657, 36.7493
YIQ	131.0300, 72.6590, 65.3870

Conversions

Conversions Part 2

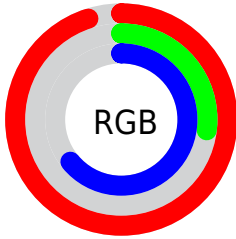
Format	Color
R _Y B	241, 69, 162
Decimal	15812002
CIE Lab	57.62, 72.14, -12.31
CIE LCh	58, 73.187, 350.314
Yxy	25.5657, 0.4189, 0.2384
Android (android.graphics.Color)	4294002082 (0xFFFF145A2)
YUV	131.0300, 15.2682, 96.4437
Hunter-Lab	50.5625, 70.1149, -7.6987

Details

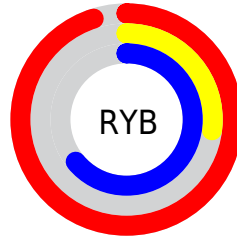
The RYB color **241, 69, 162** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **69, 187, 241**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 130, 217**, and **180, 0, 110** is the 20% darker color. If you saturate the color by 10%, you get **241, 45, 151**, and if you desaturate by 10%, it is **241, 93, 173**.

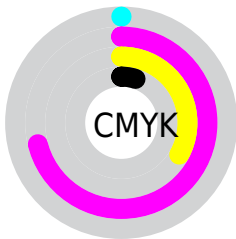
Distribution



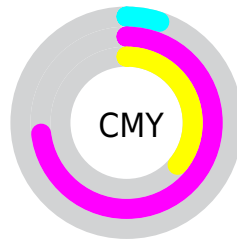
- Red (95%)
- Green (27%)
- Blue (64%)



- Red (95%)
- Yellow (27%)
- Blue (64%)



- Cyan (0%)
- Magenta (71%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (73%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 69, 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 241, 69, 162 by changing the saturation by 10% instead.

 241, 69, 162

 241, 69, 162

255, 255, 255

 210, 31, 136

 255, 130, 217

 180, 0, 110

 255, 159, 245

 150, 0, 86

 255, 189, 255

 121, 0, 63

 255, 218, 255


 92, 0, 41


 255, 248, 255

 65, 0, 20

 33, 0, 1

 0, 0, 0

 241, 69, 162

 241, 69, 162

■ 241, 45, 151

■ 241, 93, 173

■ 241, 21, 140

■ 241, 117, 184

■ 241, 0, 130

■ 241, 141, 195

■ 241, 165, 206

■ 241, 189, 217

■ 241, 214, 228

■ 241, 238, 239

■ 241, 249, 255

■ 241, 248, 255

Harmonies

Analogous

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



194, 99, 221



241, 69, 162



250, 70, 98

Triad

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



241, 69, 162



0, 148, 23



0, 96, 236

Complementary

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



241, 69, 162



69, 187, 241

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, 87, 181



241, 69, 162



26, 141, 160

Square

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



241, 69, 162



81, 184, 0



0, 98, 166



0, 95, 255

Rectangle

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



241, 69, 162



238, 95, 58



0, 98, 166



0, 94, 220

Sweetspot

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



241, 69, 162



255, 201, 230



146, 69, 241



128, 96, 113



0, 0, 0



128, 128, 128

Same Dimension

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



241, 69, 162



255, 36, 154



241, 69, 78



120, 108, 114



184, 0, 99



56, 0, 30

Inverse Universe

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



241, 69, 162



255, 36, 154



69, 157, 241



120, 108, 114



184, 0, 99



56, 0, 30

Previews

White Background



This preview shows how the RYB color 241, 69, 162 looks on a white background.

Color Contrast Check

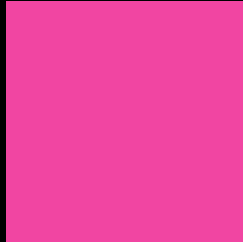
Large Text (above 18pt) WCAG AA ✓ Pass

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 241, 69, 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](#).

RYB 241, 69, 162 Background



This preview shows how black text looks on a background with the RYB color 241, 69, 162.

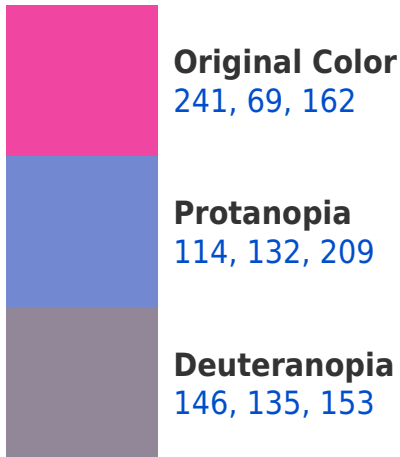


This preview shows how white text looks on a background with the RYB color 241, 69, 162.

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





Tritanopia
236, 88, 93

Trichromacy



Original Color

241, 69, 162



Protanomaly

160, 112, 192



Deuteranomaly

181, 111, 156



Tritanomaly

238, 81, 118

Monochromacy



Original Color

241, 69, 162



Achromatopsia

131, 131, 131



Achromatomaly

171, 108, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 69, 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(241, 69, 162) looks like.

```
.text, #text, p{  
    color:rgb(241, 69, 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(241, 69, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 69, 162) }
```

Border

The CSS property to change the border of an element to RYB 241, 69, 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(241, 69, 162) }
```

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

```
.border{ border-color:rgb(241, 69, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 69, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 69, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 69, 162);  
box-shadow:4px 4px 4px 4px rgb(241, 69,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 241, 69, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 69, 162) }
```

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

```
.background{ background-color: rgb(241, 69,  
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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