

Converting Colors

`RYB(241, 65, 122)`

Have a look what the booklet for
RYB(241, 65, 122) contains.

RYB(241, 65, 122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(241, 65, 122)

Conversions

Conversions Part 1

Format	Color
Hex	F1417A
RGB	241, 65, 122
RGB Percent	95%, 25%, 48%
CMY	0.0549, 0.7451, 0.5216
CMYK	0.00, 0.73, 0.49, 0.05
HSL	341°, 86%, 60%
HSV	341°, 73%, 95%
XYZ	41.6788, 23.8865, 20.8262
YIQ	124.1220, 86.5990, 55.0390

Conversions

Conversions Part 2

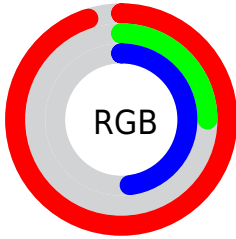
Format	Color
R_{YB}	241, 65, 122
Decimal	15810938
CIE _{Lab}	55.97, 69.63, 8.86
CIE _{LCh}	56, 70.193, 7.251
Yxy	23.8865, 0.4824, 0.2765
Android (android.graphics.Color)	4294001018 (0xFFFF1417A)
YUV	124.1220, -1.0461, 102.5020
Hunter-Lab	48.8738, 66.6926, 8.9469

Details

The RYB color **241, 65, 122** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **65, 170, 241**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **255, 126, 174**, and **179, 0, 74** is the 20% darker color. If you saturate the color by 10%, you get **241, 41, 106**, and if you desaturate by 10%, it is **241, 89, 138**.

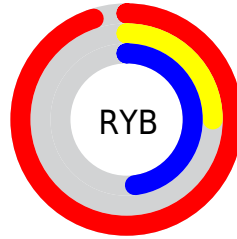
Distribution



Red (95%)

Green (25%)

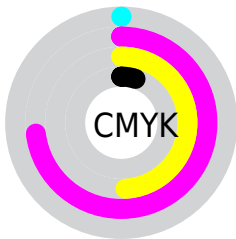
Blue (48%)



Red (95%)

Yellow (25%)

Blue (48%)

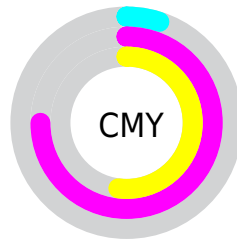


Cyan (0%)

Magenta (73%)

Yellow (49%)

Black (5%)



Cyan (5%)


Magenta (75%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 65, 122 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, 65, 122 by changing the saturation by 10% instead.

 241, 65, 122

 241, 65, 122

255, 255, 255

 210, 25, 97

 255, 126, 174

 179, 0, 74

 255, 155, 201

 148, 0, 52

 255, 184, 229

 118, 0, 31

 255, 214, 255


 88, 0, 5


 255, 244, 255

 59, 0, 2

 21, 0, 0

 0, 0, 0

 241, 65, 122

 241, 65, 122

■ 241, 41, 106

■ 241, 89, 138

■ 241, 17, 89

■ 241, 113, 155

■ 241, 0, 78

■ 241, 137, 171

■ 241, 161, 187

■ 241, 186, 203

■ 241, 210, 220

■ 241, 234, 236

■ 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.



217, 80, 183



241, 65, 122



232, 87, 63

Triad

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



241, 65, 122



16, 151, 85



0, 94, 247

Complementary

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



241, 65, 122



65, 170, 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, 90, 207



241, 65, 122



0, 103, 158

Square

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



241, 65, 122



13, 148, 0



0, 84, 161



0, 89, 255

Rectangle

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



241, 65, 122



211, 165, 23



0, 84, 161



0, 94, 237

Sweetspot

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



241, 65, 122



255, 199, 217



182, 65, 241



128, 94, 105



0, 0, 0



128, 128, 128

Same Dimension

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



241, 65, 122



255, 31, 103



241, 100, 65



120, 108, 112



184, 0, 59



56, 0, 18

Inverse Universe

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



241, 65, 122



255, 31, 103



65, 145, 241



120, 108, 112



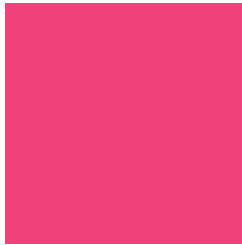
184, 0, 59



56, 0, 18

Previews

White Background



This preview shows how the RYB color 241, 65, 122 looks on a white background.

Color Contrast Check

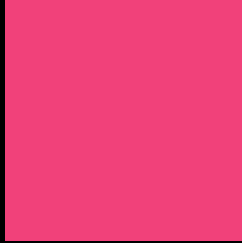
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65, 122 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, 65, 122 Background



This preview shows how black text looks on a background with the RYB color 241, 65, 122.



This preview shows how white text looks on a background with the RYB color 241, 65, 122.

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](#).

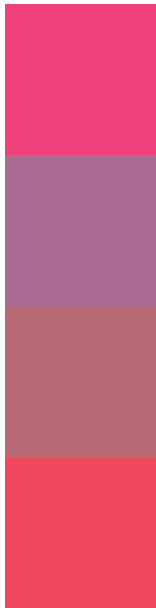
Dichromacy





Tritanopia
239, 75, 79

Trichromacy



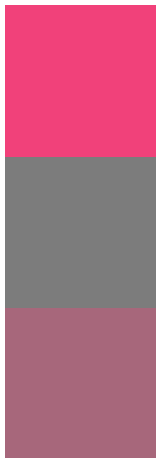
Original Color
241, 65, 122

Protanomaly
170, 108, 146

Deuteranomaly
186, 106, 116

Tritanomaly
240, 71, 95

Monochromacy



Original Color
241, 65, 122

Achromatopsia
124, 124, 124

Achromatomaly
167, 103, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 65, 122 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, 65, 122) looks like.

```
.text, #text, p{  
    color:rgb(241, 65, 122)  
}
```

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, 65, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 65, 122) }
```

Border

The CSS property to change the border of an element to RYB 241, 65, 122 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, 65, 122) }
```

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

```
.border{ border-color:rgb(241, 65, 122) }
```

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

Here you see how a box with a 4 pixel rgb(241, 65, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 65, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 65, 122);  
box-shadow:4px 4px 4px 4px rgb(241, 65,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 241, 65, 122 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 65, 122) }
```

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

```
.background{ background-color: rgb(241, 65,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor