

Converting Colors

`RYB(241, 5, 231)`

Have a look what the booklet for
RYB(241, 5, 231) contains.

RYB(241, 5, 231)	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, 5, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F105E7
RGB	241, 5, 231
RGB Percent	95%, 2%, 91%
CMY	0.0549, 0.9804, 0.0941
CMYK	0.00, 0.98, 0.04, 0.05
HSL	303°, 96%, 48%
HSV	303°, 98%, 95%
XYZ	50.7537, 24.5788, 77.6705
YIQ	101.3280, 68.1100, 120.3180

Conversions

Conversions Part 2

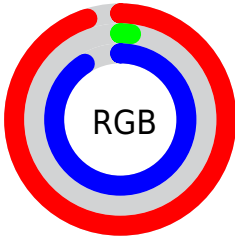
Format	Color
R _Y B	241, 5, 231
Decimal	15795687
CIE Lab	56.66, 92.44, -53.42
CIE LCh	57, 106.769, 329.977
Yxy	24.5788, 0.3317, 0.1606
Android (android.graphics.Color)	4293985767 (0xFFFF105E7)
YUV	101.3280, 63.9283, 122.4923
Hunter-Lab	49.5770, 95.9767, -58.1835

Details

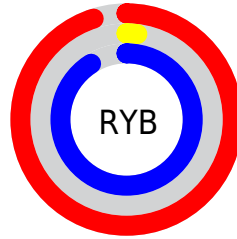
The RYB color **241, 5, 231** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **5, 231, 241**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **255, 103, 255**, and **180, 0, 175** is the 20% darker color. If you saturate the color by 10%, you get **241, 0, 231**, and if you desaturate by 10%, it is **241, 29, 232**.

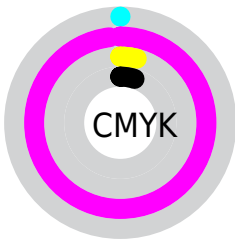
Distribution



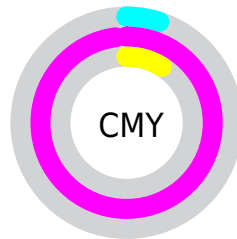
- Red (95%)
- Green (2%)
- Blue (91%)



- Red (95%)
- Yellow (2%)
- Blue (91%)



- Cyan (0%)
- Magenta (98%)
- Yellow (4%)
- Black (5%)




















- Cyan (5%)
- Magenta (98%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 5, 231 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, 5, 231 by changing the saturation by 10% instead.

 241, 5, 231	 241, 5, 231
 255, 255, 255	 210, 0, 202
 255, 103, 255	 180, 0, 175
 255, 135, 255	 150, 0, 147
 255, 166, 255	 120, 0, 121
 255, 197, 255	 91, 0, 95
 255, 228, 255	 63, 0, 71
	 32, 0, 47
	 0, 1, 25
	 0, 0, 0

■ 241, 5, 231

■ 241, 5, 231

■ 241, 0, 231

■ 241, 29, 232

■ 241, 53, 233

■ 241, 77, 234

■ 241, 101, 235

■ 241, 126, 236

■ 241, 150, 237

■ 241, 174, 238

■ 241, 198, 239

■ 241, 222, 240

Harmonies

Analogous

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



103, 110, 255



241, 5, 231



255, 0, 141

Triad

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



241, 5, 231



41, 166, 0



0, 98, 228

Complementary

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



241, 5, 231



5, 231, 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, 96, 171



241, 5, 231



0, 156, 91

Square

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



241, 5, 231



235, 141, 0



0, 148, 167



0, 101, 255

Rectangle

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



241, 5, 231



255, 0, 80



0, 148, 167



0, 92, 198

Sweetspot

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



241, 5, 231



255, 181, 252



13, 5, 241



128, 83, 126



0, 0, 0



128, 128, 128

Same Dimension

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



241, 5, 231



255, 0, 244



241, 5, 115



120, 108, 119



184, 0, 176



56, 0, 54

Inverse Universe

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



241, 5, 231



255, 0, 244



5, 159, 241



120, 108, 119



184, 0, 176



56, 0, 54

Previews

White Background



This preview shows how the RYB color 241, 5, 231 looks on a white background.

Color Contrast Check

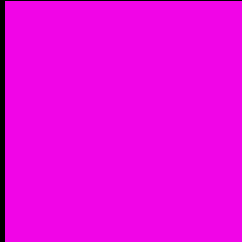
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5, 231 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](#).

R Y B 241, 5, 231 Background



This preview shows how black text looks on a background with the R Y B color 241, 5, 231.

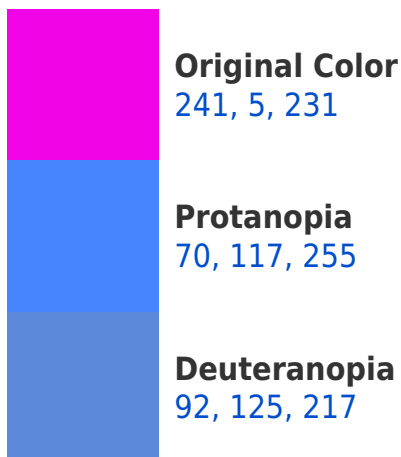


This preview shows how white text looks on a background with the R Y B color 241, 5, 231.

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
227, 91, 97

Trichromacy



Original Color

241, 5, 231



Protanomaly

132, 86, 246



Deuteranomaly

146, 89, 222



Tritanomaly

232, 60, 146

Monochromacy



Original Color

241, 5, 231



Achromatopsia

101, 101, 101



Achromatomaly

152, 66, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 5, 231 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, 5, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 5, 231)  
}
```

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, 5, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 5, 231) }
```

Border

The CSS property to change the border of an element to RYB 241, 5, 231 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, 5, 231) }
```

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

```
.border{ border-color:rgb(241, 5, 231) }
```

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

Here you see how a box with a 4 pixel rgb(241, 5, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 5, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 5, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 5,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 241, 5, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 5, 231) }
```

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

```
.background{ background-color: rgb(241, 5,  
231) }
```

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