

Converting Colors

`RYB(235, 5, 206)`

Have a look what the booklet for
RYB(235, 5, 206) contains.

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Color

R_YB(235, 5, 206)

Conversions

Conversions Part 1

Format	Color
Hex	EB05CE
RGB	235, 5, 206
RGB Percent	92%, 2%, 81%
CMY	0.0784, 0.9804, 0.1922
CMYK	0.00, 0.98, 0.12, 0.08
HSL	308°, 96%, 47%
HSV	308°, 98%, 92%
XYZ	45.4558, 22.2269, 60.2870
YIQ	96.6840, 72.5590, 111.2710

Conversions

Conversions Part 2

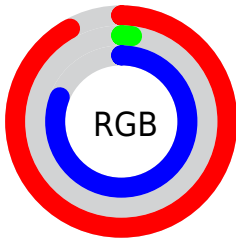
Format	Color
R_{YB}	235, 5, 206
Decimal	15402446
CIE Lab	54.27, 88.13, -43.08
CIE LCh	54, 98.099, 333.951
Yxy	22.2269, 0.3552, 0.1737
Android (android.graphics.Color)	4293592526 (0xFFEB05CE)
YUV	96.6840, 53.8928, 121.3031
Hunter-Lab	47.1455, 89.5981, -42.8149

Details

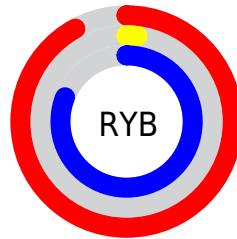
The RYB color **235, 5, 206** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **5, 209, 235**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **255, 100, 255**, and **174, 0, 151** is the 20% darker color. If you saturate the color by 10%, you get **235, 0, 205**, and if you desaturate by 10%, it is **235, 29, 209**.

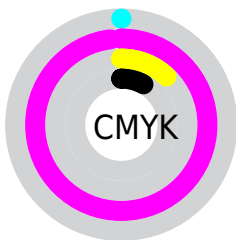
Distribution



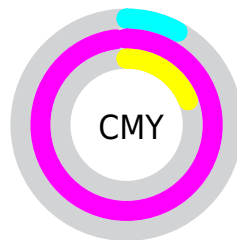
- Red (92%)
- Green (2%)
- Blue (81%)



- Red (92%)
- Yellow (2%)
- Blue (81%)



- Cyan (0%)
- Magenta (98%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (98%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 5, 206 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 235, 5, 206 by changing the saturation by 10% instead.

 235, 5, 206

 235, 5, 206

255, 255, 255

 204, 0, 178

 255, 100, 255

 174, 0, 151

 255, 132, 255

 144, 0, 125

 255, 163, 255

 115, 0, 99

 255, 193, 255

 86, 0, 75

 255, 224, 255

 58, 0, 51

 26, 0, 29

 0, 0, 0

 235, 5, 206

 235, 5, 206

■ 235, 0, 205

■ 235, 29, 209

■ 235, 52, 212

■ 235, 75, 215

■ 235, 99, 218

■ 235, 122, 221

■ 235, 146, 224

■ 235, 170, 227

■ 235, 193, 230

■ 235, 216, 233

Harmonies

Analogous

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



130, 100, 255



235, 5, 206



255, 0, 123

Triad

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



235, 5, 206



19, 148, 0



0, 94, 224

Complementary

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



235, 5, 206



5, 209, 235

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, 88, 163



235, 5, 206



0, 150, 101

Square

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



235, 5, 206



215, 167, 0



0, 123, 159



0, 97, 255

Rectangle

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



235, 5, 206



255, 0, 68



0, 123, 159



0, 89, 197

Sweetspot

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



235, 5, 206



255, 181, 246



32, 5, 235



128, 83, 122



0, 0, 0



128, 128, 128

Same Dimension

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



235, 5, 206



255, 0, 223



235, 5, 93



117, 106, 116



181, 0, 158



54, 0, 47

Inverse Universe

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



235, 5, 206



255, 0, 223



5, 147, 235



117, 106, 116



181, 0, 158



54, 0, 47

Previews

White Background



This preview shows how the RYB color 235, 5, 206 looks on a white background.

Color Contrast Check

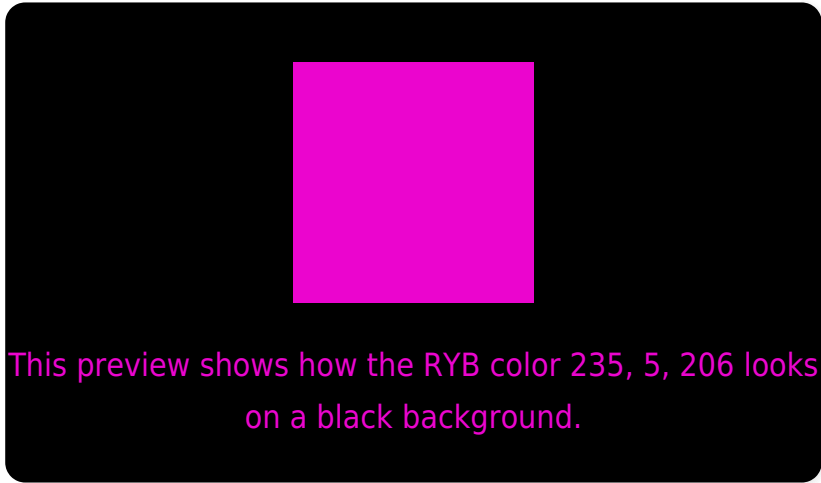
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

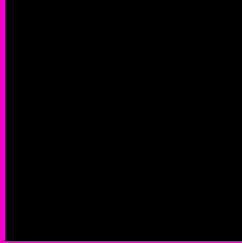
Any Text WCAG AA ✓ Pass

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_YB 235, 5, 206 Background



This preview shows how black text looks on a background with the R_YB color 235, 5, 206.

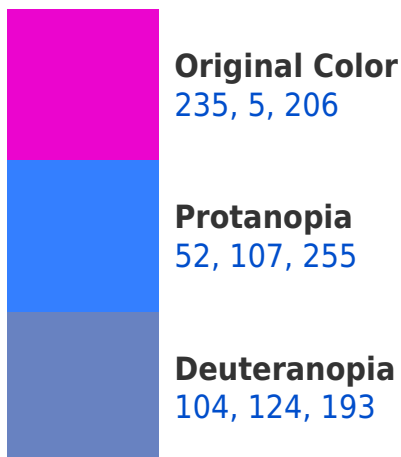


This preview shows how white text looks on a background with the R_YB color 235, 5, 206.

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
224, 81, 86

Trichromacy



Original Color

235, 5, 206



Protanomaly

119, 83, 237



Deuteranomaly

152, 85, 198



Tritanomaly

228, 53, 130

Monochromacy



Original Color

235, 5, 206



Achromatopsia

97, 97, 97



Achromatomaly

147, 64, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 5, 206 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(235, 5, 206)` looks like.

```
.text, #text, p{  
    color:rgb(235, 5, 206)  
}
```

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(235, 5, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 5, 206) }
```

Border

The CSS property to change the border of an element to RYB 235, 5, 206 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(235, 5, 206) }
```

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

```
.border{ border-color:rgb(235, 5, 206) }
```

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

Here you see how a box with a 4 pixel rgb(235, 5, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 5, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 5, 206);  
box-shadow:4px 4px 4px 4px rgb(235, 5,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 235, 5, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 5, 206) }
```

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

```
.background{ background-color: rgb(235, 5,  
206) }
```

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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