

Converting Colors

`RYB(235, 101, 205)`

Have a look what the booklet for
RYB(235, 101, 205) contains.

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Color

RYB(235, 101, 205)

Conversions

Conversions Part 1

Format	Color
Hex	EB65CD
RGB	235, 101, 205
RGB Percent	92%, 40%, 80%
CMY	0.0784, 0.6039, 0.1961
CMYK	0.00, 0.57, 0.13, 0.08
HSL	313°, 77%, 66%
HSV	313°, 57%, 92%
XYZ	49.9341, 31.3773, 61.1822
YIQ	152.9220, 46.4800, 60.7520

Conversions

Conversions Part 2

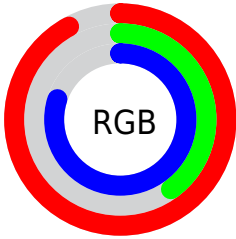
Format	Color
R _Y B	235, 101, 205
Decimal	15427021
CIE Lab	62.82, 63.69, -29.13
CIE LCh	63, 70.035, 335.419
Yxy	31.3773, 0.3504, 0.2202
Android (android.graphics.Color)	4293617101 (0xFFEB65CD)
YUV	152.9220, 25.6745, 71.9824
Hunter-Lab	56.0155, 61.0939, -25.5480

Details

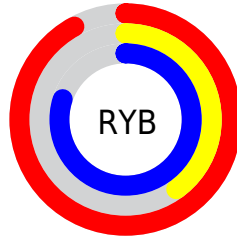
The RYB color **235, 101, 205** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **101, 210, 235**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 158, 255**, and **176, 41, 150** is the 20% darker color. If you saturate the color by 10%, you get **235, 78, 200**, and if you desaturate by 10%, it is **235, 125, 210**.

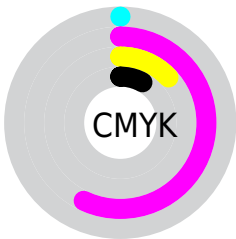
Distribution



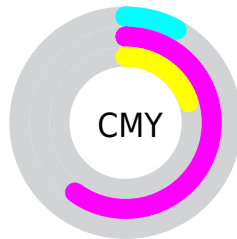
- Red (92%)
- Green (40%)
- Blue (80%)



- Red (92%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (57%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 101, 205 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, 101, 205 by changing the saturation by 10% instead.

 235, 101, 205

 235, 101, 205

255, 255, 255

 205, 72, 177

 255, 158, 255

 176, 41, 150

 255, 186, 255

 148, 0, 124

 255, 215, 255

 119, 0, 99

 255, 245, 255

 92, 0, 75


 66, 0, 52

 39, 0, 30


 0, 0, 0

 235, 101, 205


 235, 101, 205

 235, 78, 200

 235, 125, 210

 235, 54, 194

 235, 148, 216

 235, 31, 189

 235, 172, 221

 235, 7, 184

 235, 195, 226

 235, 0, 182

 235, 219, 231

 235, 240, 242

 235, 250, 255

 235, 248, 255

 235, 246, 255

Harmonies

Analogous

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



167, 130, 254



235, 101, 205



255, 87, 143

Triad

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



235, 101, 205



20, 171, 0



0, 99, 223

Complementary

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



235, 101, 205



101, 210, 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, 96, 181



235, 101, 205



36, 168, 98

Square

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



235, 101, 205



207, 222, 28



0, 114, 177



0, 103, 255

Rectangle

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



235, 101, 205



255, 94, 103



0, 114, 177



0, 96, 204

Sweetspot

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



235, 101, 205



255, 212, 245



130, 101, 235



128, 102, 122



0, 0, 0



128, 128, 128

Same Dimension

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



235, 101, 205



255, 82, 216



235, 101, 139



117, 106, 115



181, 0, 141



54, 0, 42

Inverse Universe

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



235, 101, 205



255, 82, 216



101, 179, 235



117, 106, 115



181, 0, 141



54, 0, 42

Previews

White Background



This preview shows how the RYB color 235, 101, 205 looks on a white background.

Color Contrast Check

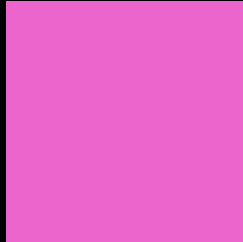
Large Text (above 18pt) WCAG AA × Fail

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 235, 101, 205 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 235, 101, 205 Background



This preview shows how black text looks on a background with the R Y B color 235, 101, 205.



This preview shows how white text looks on a background with the R Y B color 235, 101, 205.

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



Original Color
235, 101, 205

Protanopia
116, 142, 244

Deuteranopia
143, 149, 197



Tritanopia
227, 120, 128

Trichromacy



Original Color

235, 101, 205



Protanomaly

159, 132, 230



Deuteranomaly

176, 132, 200



Tritanomaly

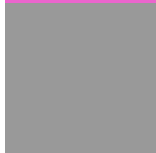
230, 113, 156

Monochromacy



Original Color

235, 101, 205



Achromatopsia

153, 153, 153



Achromatomaly

183, 134, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 101, 205 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, 101, 205)` looks like.

```
.text, #text, p{  
  color:rgb(235, 101, 205)  
}
```

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, 101, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 101, 205) }
```

Border

The CSS property to change the border of an element to RYB 235, 101, 205 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, 101, 205) }
```

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

```
.border{ border-color:rgb(235, 101, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 101, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 101, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 101, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 101,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 235, 101, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 101, 205) }
```

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

```
.background{ background-color: rgb(235,  
101, 205) }
```

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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