

Converting Colors

`RYB(235, 105, 153)`

Have a look what the booklet for
RYB(235, 105, 153) contains.

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Color

R_YB(235, 105, 153)

Conversions

Conversions Part 1

Format	Color
Hex	EB6999
RGB	235, 105, 153
RGB Percent	92%, 41%, 60%
CMY	0.0784, 0.5882, 0.4000
CMYK	0.00, 0.55, 0.35, 0.08
HSL	338°, 76%, 67%
HSV	338°, 55%, 92%
XYZ	45.0623, 30.0652, 33.5651
YIQ	149.3420, 62.0720, 42.4880

Conversions

Conversions Part 2

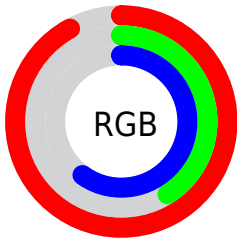
Format	Color
R_{YB}	235, 105, 153
Decimal	15427993
CIE _{Lab}	61.71, 54.92, -1.12
CIE _{LCh}	62, 54.930, 358.830
Yxy	30.0652, 0.4146, 0.2766
Android (android.graphics.Color)	4293618073 (0xFFEB6999)
YUV	149.3420, 1.8034, 75.1221
Hunter-Lab	54.8318, 50.7408, 2.0880

Details

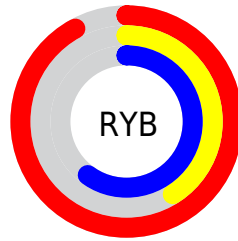
The RYB color **235, 105, 153** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **105, 185, 235**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 160, 207**, and **176, 49, 102** is the 20% darker color. If you saturate the color by 10%, you get **235, 81, 138**, and if you desaturate by 10%, it is **235, 128, 168**.

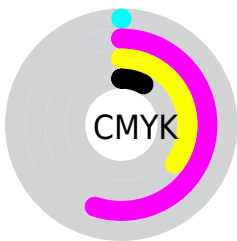
Distribution



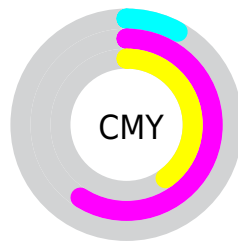
- Red (92%)
- Green (41%)
- Blue (60%)



- Red (92%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (8%)



- Cyan (8%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 105, 153 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, 105, 153 by changing the saturation by 10% instead.

 235, 105, 153

 235, 105, 153

255, 255, 255

 205, 77, 127

 255, 160, 207

 176, 49, 102

 255, 189, 235

 147, 11, 78

 255, 218, 255

 118, 0, 56

 255, 247, 255


 90, 0, 34

 64, 0, 12

 33, 0, 1

 0, 0, 0

 235, 105, 153

 235, 105, 153

■ 235, 81, 138

■ 235, 128, 168

■ 235, 58, 123

■ 235, 152, 183

■ 235, 34, 109

■ 235, 175, 197

■ 235, 11, 94

■ 235, 199, 212

■ 235, 0, 87

■ 235, 222, 227

■ 235, 242, 246

■ 235, 245, 255

Harmonies

Analogous

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



206, 117, 200



235, 105, 153



236, 110, 105

Triad

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



235, 105, 153



58, 160, 89



0, 97, 232

Complementary

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



235, 105, 153



105, 185, 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, 91, 195



235, 105, 153



61, 143, 169

Square

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



235, 105, 153



86, 177, 45



0, 94, 173



0, 95, 246

Rectangle

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



235, 105, 153



224, 140, 77



0, 94, 173



0, 96, 221

Sweetspot

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



235, 105, 153



255, 212, 228



185, 105, 235



128, 102, 111



0, 0, 0



128, 128, 128

Same Dimension

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



235, 105, 153



255, 87, 149



235, 122, 105



117, 106, 110



181, 0, 67



54, 0, 20

Inverse Universe

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



235, 105, 153



255, 87, 149



105, 166, 235



117, 106, 110



181, 0, 67



54, 0, 20

Previews

White Background



This preview shows how the RYB color 235, 105, 153 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, 105, 153 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](#).

RYB 235, 105, 153 Background



This preview shows how black text looks on a background with the RYB color 235, 105, 153.



This preview shows how white text looks on a background with the RYB color 235, 105, 153.

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, 105, 153

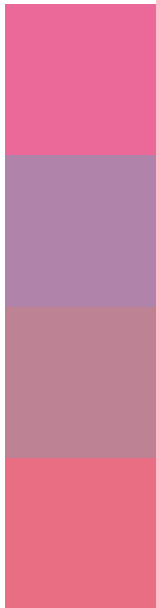
Protanopia
143, 147, 180

Deuteranopia
165, 145, 147



Tritanopia
232, 112, 119

Trichromacy



Original Color
235, 105, 153

Protanomaly
176, 132, 170

Deuteranomaly
190, 130, 149

Tritanomaly
233, 109, 131

Monochromacy



Original Color
235, 105, 153

Achromatopsia
149, 149, 149

Achromatomaly
180, 133, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 105, 153 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, 105, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 105, 153)  
}
```

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, 105, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 105, 153) }
```

Border

The CSS property to change the border of an element to RYB 235, 105, 153 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, 105, 153) }
```

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

```
.border{ border-color:rgb(235, 105, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 105, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 105, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 105, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 105,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 235, 105, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 105, 153) }
```

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

```
.background{ background-color: rgb(235,  
105, 153) }
```

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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