

Converting Colors

`RYB(235, 0, 124)`

Have a look what the booklet for
RYB(235, 0, 124) contains.

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Color

R_YB(235, 0, 124)

Conversions

Conversions Part 1

Format	Color
Hex	EB007C
RGB	235, 0, 124
RGB Percent	92%, 0%, 49%
CMY	0.0784, 1.0000, 0.5137
CMYK	0.00, 1.00, 0.47, 0.08
HSL	328°, 100%, 46%
HSV	328°, 100%, 92%
XYZ	37.8990, 19.1174, 20.7613
YIQ	84.4010, 100.2560, 88.3840

Conversions

Conversions Part 2

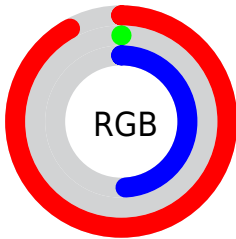
Format	Color
RYB	235, 0, 124
Decimal	15401084
CIELab	50.82, 79.98, 0.10
CIELCh	51, 79.980, 0.072
Yxy	19.1174, 0.4873, 0.2458
Android (android.graphics.Color)	4293591164 (0xFFEB007C)
YUV	84.4010, 19.5223, 132.0753
Hunter-Lab	43.7235, 78.2059, 2.4536

Details

The RYB color **235, 0, 124** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **0, 160, 235**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **255, 95, 176**, and **172, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **235, 0, 124**, and if you desaturate by 10%, it is **235, 23, 135**.

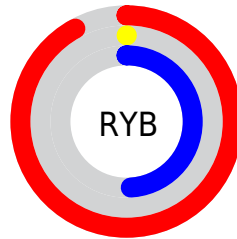
Distribution



Red (92%)

Green (0%)

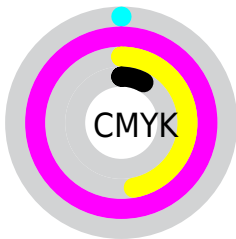
Blue (49%)



Red (92%)

Yellow (0%)

Blue (49%)

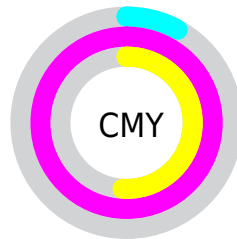


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (8%)



Cyan (8%)

Magenta (100%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 0, 124 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, 0, 124 by changing the saturation by 10% instead.

 235, 0, 124

 235, 0, 124

255, 255, 255

 204, 0, 99

 255, 95, 176

 172, 0, 76

 255, 127, 204

 142, 0, 53

 255, 157, 232

 111, 0, 32

 255, 187, 255

 83, 0, 8

 255, 218, 255

 50, 0, 2

 255, 248, 255

 0, 0, 0

 235, 0, 124

 235, 23, 135

■ 235, 47, 146

■ 235, 71, 157

■ 235, 94, 168

■ 235, 118, 180

■ 235, 141, 191

■ 235, 164, 202

■ 235, 188, 213

■ 235, 211, 224

Harmonies

Analogous

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



200, 59, 190



235, 0, 124



231, 44, 57

Triad

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



235, 0, 124



0, 136, 59



0, 90, 240

Complementary

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



235, 0, 124



0, 160, 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, 83, 188



235, 0, 124



0, 110, 145

Square

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



235, 0, 124



35, 147, 0



0, 83, 149



0, 86, 255

Rectangle

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



235, 0, 124



212, 118, 0



0, 83, 149



0, 89, 226

Sweetspot

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



235, 0, 124



255, 179, 219



110, 0, 235



128, 82, 106



0, 0, 0



128, 128, 128

Same Dimension

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



235, 0, 124



255, 0, 135



235, 0, 8



117, 106, 112



181, 0, 96



54, 0, 28

Inverse Universe

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



235, 0, 124



255, 0, 135



0, 120, 235



117, 106, 112



181, 0, 96



54, 0, 28

Previews

White Background



This preview shows how the RYB color 235, 0, 124 looks on a white background.

Color Contrast Check

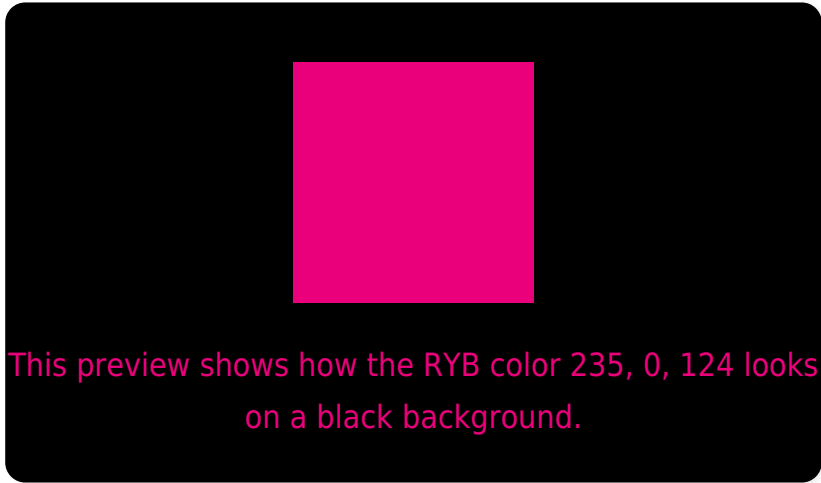
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

RYB 235, 0, 124 Background



This preview shows how black text looks on a background with the RYB color 235, 0, 124.

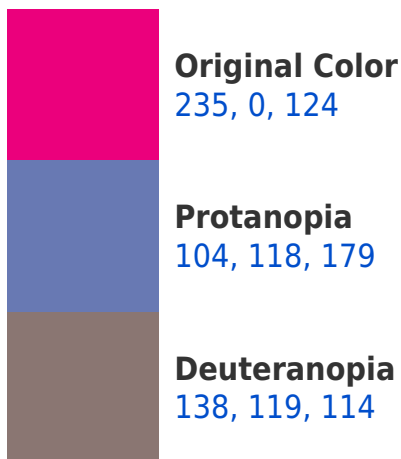


This preview shows how white text looks on a background with the RYB color 235, 0, 124.

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
231, 49, 50

Trichromacy



Original Color

235, 0, 124



Protanomaly

152, 77, 159



Deuteranomaly

173, 75, 118



Tritanomaly

232, 31, 77

Monochromacy



Original Color

235, 0, 124



Achromatopsia

84, 84, 84



Achromatomaly

139, 53, 99

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 0, 124 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, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 124)  
}
```

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, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 124) }
```

Border

The CSS property to change the border of an element to RYB 235, 0, 124 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, 0, 124) }
```

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

```
.border{ border-color:rgb(235, 0, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 0, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 235, 0, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 124) }
```

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

```
.background{ background-color: rgb(235, 0,  
124) }
```

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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