

Converting Colors

`RYB(235, 124, 210)`

Have a look what the booklet for
RYB(235, 124, 210) contains.

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Color

`RYB(235, 124, 210)`

Conversions

Conversions Part 1

Format	Color
Hex	EB7CD2
RGB	235, 124, 210
RGB Percent	92%, 49%, 82%
CMY	0.0784, 0.5137, 0.1765
CMYK	0.00, 0.47, 0.11, 0.08
HSL	314°, 74%, 70%
HSV	314°, 47%, 92%
XYZ	53.1015, 36.7306, 65.2637
YIQ	166.9930, 38.5500, 50.2780

Conversions

Conversions Part 2

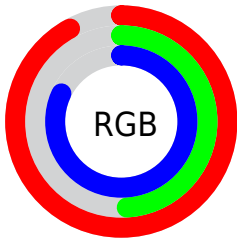
Format	Color
RYB	235, 124, 210
Decimal	15432914
CIELab	67.07, 53.73, -25.40
CIELCh	67, 59.427, 334.699
Yxy	36.7306, 0.3424, 0.2368
Android (android.graphics.Color)	4293622994 (0xFFEB7CD2)
YUV	166.9930, 21.2025, 59.6421
Hunter-Lab	60.6058, 50.3377, -21.4228

Details

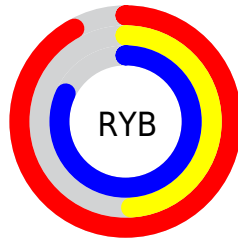
The RYB color **235, 124, 210** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **124, 215, 235**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 179, 255**, and **177, 70, 155** is the 20% darker color. If you saturate the color by 10%, you get **235, 101, 205**, and if you desaturate by 10%, it is **235, 147, 215**.

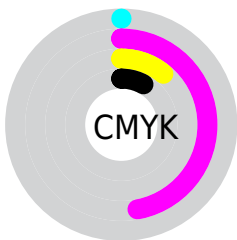
Distribution



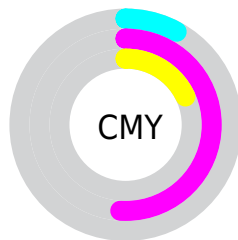
- Red (92%)
- Green (49%)
- Blue (82%)



- Red (92%)
- Yellow (49%)
- Blue (82%)



- Cyan (0%)
- Magenta (47%)
- Yellow (11%)
- Black (8%)




- Cyan (8%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 124, 210 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, 124, 210 by changing the saturation by 10% instead.

 235, 124, 210

 235, 124, 210

255, 255, 255

 206, 97, 182


 255, 179, 255

 177, 70, 155

 255, 208, 255

 149, 41, 129

 255, 237, 255

 121, 2, 104

 94, 0, 79

 68, 0, 56

 44, 0, 35

 0, 0, 8

 0, 0, 0

 235, 124, 210


 235, 124, 210

 235, 101, 205


 235, 147, 215

 235, 77, 199

 235, 171, 221

 235, 54, 194

 235, 195, 226

 235, 30, 189

 235, 218, 231

 235, 6, 184

 235, 241, 242

 235, 0, 182

 235, 250, 255

 235, 248, 255

 235, 246, 255

 235, 245, 255

Harmonies

Analogous

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



177, 146, 252



235, 124, 210



255, 114, 157

Triad

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



235, 124, 210



73, 184, 48



0, 102, 223

Complementary

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



235, 124, 210



124, 215, 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, 100, 189



235, 124, 210



70, 178, 119

Square

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



235, 124, 210



228, 218, 65



38, 135, 186



0, 106, 255

Rectangle

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



235, 124, 210



255, 119, 122



38, 135, 186



0, 99, 206

Sweetspot

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



235, 124, 210



255, 219, 247



148, 124, 235



128, 106, 123



0, 0, 0



128, 128, 128

Same Dimension

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



235, 124, 210



255, 110, 222



235, 124, 155



117, 106, 115



181, 0, 140



54, 0, 41

Inverse Universe

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



235, 124, 210



255, 110, 222



124, 189, 235



117, 106, 115



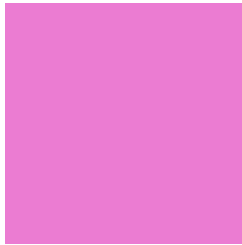
181, 0, 140



54, 0, 41

Previews

White Background



This preview shows how the RYB color 235, 124, 210 looks on a white background.

Color Contrast Check

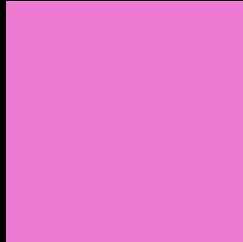
Large Text (above 18pt) WCAG AA × Fail

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, 124, 210 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, 124, 210 Background



This preview shows how black text looks on a background with the RYB color 235, 124, 210.

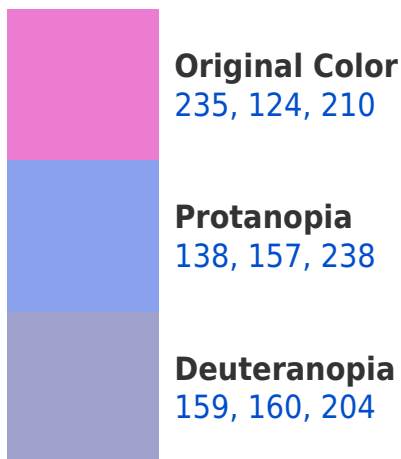



This preview shows how white text looks on a background with the RYB color 235, 124, 210.

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
228, 138, 148

Trichromacy



Original Color

235, 124, 210



Protanomaly

173, 148, 228



Deuteranomaly

187, 147, 206



Tritanomaly

231, 133, 171

Monochromacy



Original Color

235, 124, 210



Achromatopsia

167, 167, 167



Achromatomaly

192, 151, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 124, 210 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, 124, 210)` looks like.

```
.text, #text, p{  
    color:rgb(235, 124, 210)  
}
```

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, 124, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 124, 210) }
```

Border

The CSS property to change the border of an element to RYB 235, 124, 210 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, 124, 210) }
```

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

```
.border{ border-color:rgb(235, 124, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 124, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 124, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 124, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 124,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 235, 124, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 124, 210) }
```

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

```
.background{ background-color: rgb(235,  
124, 210) }
```

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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