

Converting Colors

`RYB(229, 106, 209)`

Have a look what the booklet for
RYB(229, 106, 209) contains.

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Color

RYB(229, 106, 209)

Conversions

Conversions Part 1

Format	Color
Hex	E56AD1
RGB	229, 106, 209
RGB Percent	90%, 42%, 82%
CMY	0.1020, 0.5843, 0.1804
CMYK	0.00, 0.54, 0.09, 0.10
HSL	310°, 70%, 66%
HSV	310°, 54%, 90%
XYZ	48.9758, 31.5695, 63.8338
YIQ	154.5190, 40.2450, 58.1090

Conversions

Conversions Part 2

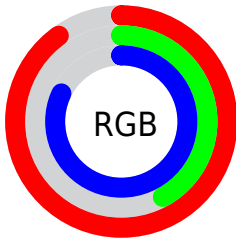
Format	Color
R _Y B	229, 106, 209
Decimal	15035089
CIE Lab	62.99, 60.40, -31.21
CIE LCh	63, 67.983, 332.675
Yxy	31.5695, 0.3392, 0.2187
Android (android.graphics.Color)	4293225169 (0xFFE56AD1)
YUV	154.5190, 26.8591, 65.3198
Hunter-Lab	56.1868, 57.2645, -28.0287

Details

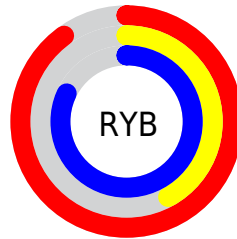
The RYB color **229, 106, 209** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **106, 212, 229**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 162, 255**, and **171, 49, 154** is the 20% darker color. If you saturate the color by 10%, you get **229, 83, 205**, and if you desaturate by 10%, it is **229, 129, 213**.

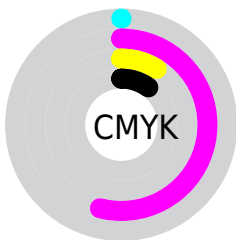
Distribution



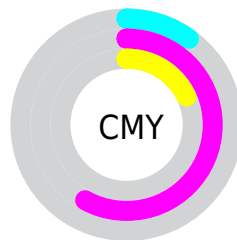
- Red (90%)
- Green (42%)
- Blue (82%)



- Red (90%)
- Yellow (42%)
- Blue (82%)



- Cyan (0%)
- Magenta (54%)
- Yellow (9%)
- Black (10%)




- Cyan (10%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 106, 209 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 229, 106, 209 by changing the saturation by 10% instead.


 229, 106, 209

 229, 106, 209

255, 255, 255

 200, 78, 181

 255, 162, 255

 171, 49, 154

 255, 190, 255

 143, 8, 128

 255, 219, 255

 115, 0, 103

 255, 249, 255

 88, 0, 78

 62, 0, 55

 35, 0, 33

 0, 0, 5

 0, 0, 0

■ 229, 106, 209

■ 229, 106, 209

■ 229, 83, 205

■ 229, 129, 213

■ 229, 60, 202

■ 229, 152, 216

■ 229, 37, 198

■ 229, 175, 220

■ 229, 14, 194

■ 229, 198, 224

■ 229, 0, 192

■ 229, 221, 228

■ 229, 241, 243

■ 229, 250, 255

■ 229, 248, 255

■ 229, 246, 255

Harmonies

Analogous

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



159, 134, 255



229, 106, 209



255, 91, 150

Triad

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



229, 106, 209



30, 177, 0



0, 98, 216

Complementary

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



229, 106, 209



106, 212, 229

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, 180



229, 106, 209



37, 167, 89

Square

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



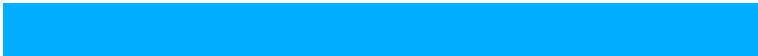
229, 106, 209



225, 210, 39



0, 115, 176



0, 103, 255

Rectangle

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



229, 106, 209



255, 96, 110



0, 115, 176



0, 94, 197

Sweetspot

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



229, 106, 209



255, 214, 248



124, 106, 229



128, 103, 124



0, 0, 0



128, 128, 128

Same Dimension

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



229, 106, 209



255, 92, 228



229, 106, 149



115, 103, 113



179, 0, 149



51, 0, 43

Inverse Universe

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



229, 106, 209



255, 92, 228



106, 181, 229



115, 103, 113



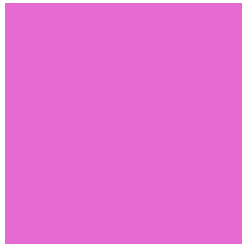
179, 0, 149



51, 0, 43

Previews

White Background



This preview shows how the RYB color 229, 106, 209 looks on a white background.

Color Contrast Check

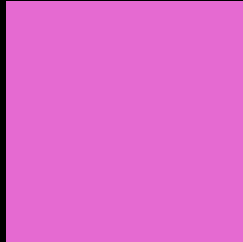
Large Text (above 18pt) WCAG AA × Fail

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 229, 106, 209 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](#).

RGB 229, 106, 209 Background



This preview shows how black text looks on a background with the RGB color 229, 106, 209.

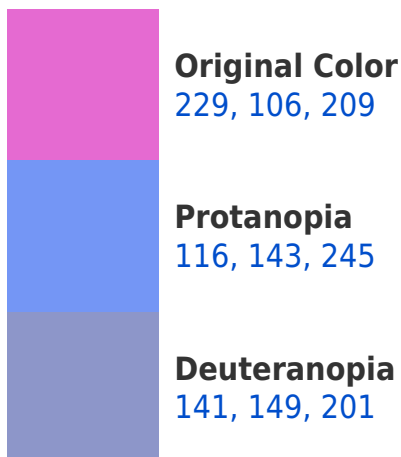



This preview shows how white text looks on a background with the RGB color 229, 106, 209.

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
221, 124, 133

Trichromacy



Original Color

229, 106, 209



Protanomaly

157, 134, 232



Deuteranomaly

173, 134, 204



Tritanomaly

224, 117, 161

Monochromacy



Original Color

229, 106, 209



Achromatopsia

155, 155, 155



Achromatomaly

182, 137, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 106, 209 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(229, 106, 209)` looks like.

```
.text, #text, p{  
    color:rgb(229, 106, 209)  
}
```

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(229, 106, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 106, 209) }
```

Border

The CSS property to change the border of an element to RYB 229, 106, 209 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(229, 106, 209) }
```

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

```
.border{ border-color:rgb(229, 106, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 106, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 106, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 106, 209);  
box-shadow:4px 4px 4px 4px rgb(229, 106,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 229, 106, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 106, 209) }
```

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

```
.background{ background-color: rgb(229,  
106, 209) }
```

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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