

Converting Colors

`RYB(227, 105, 179)`

Have a look what the booklet for
RYB(227, 105, 179) contains.

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Color

RYB(227, 105, 179)

Conversions

Conversions Part 1

Format	Color
Hex	E369B3
RGB	227, 105, 179
RGB Percent	89%, 41%, 70%
CMY	0.1098, 0.5882, 0.2980
CMYK	0.00, 0.54, 0.21, 0.11
HSL	324°, 69%, 65%
HSV	324°, 54%, 89%
XYZ	44.8668, 29.6887, 46.0136
YIQ	149.9140, 48.9580, 48.8780

Conversions

Conversions Part 2

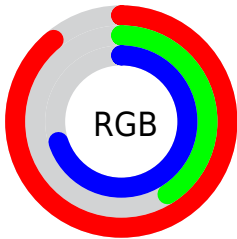
Format	Color
R_{YB}	227, 105, 179
Decimal	14903731
CIE _{Lab}	61.38, 55.76, -16.66
CIE _{LCh}	61, 58.195, 343.361
Yxy	29.6887, 0.3721, 0.2462
Android (android.graphics.Color)	4293093811 (0xFFE369B3)
YUV	149.9140, 14.3394, 67.6044
Hunter-Lab	54.4874, 51.6303, -11.9282

Details

The RYB color **227, 105, 179** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **105, 193, 227**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 160, 235**, and **169, 49, 126** is the 20% darker color. If you saturate the color by 10%, you get **227, 82, 170**, and if you desaturate by 10%, it is **227, 128, 188**.

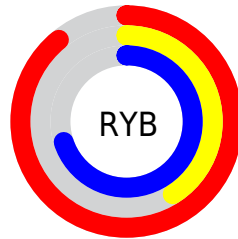
Distribution



Red (89%)

Green (41%)

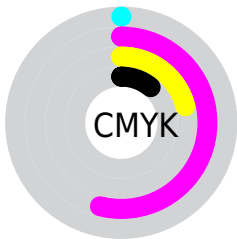
Blue (70%)



Red (89%)

Yellow (41%)

Blue (70%)

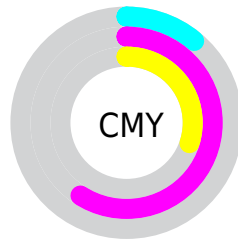


Cyan (0%)

Magenta (54%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (59%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 227, 105, 179 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 227, 105, 179 by changing the saturation by 10% instead.

 227, 105, 179

 227, 105, 179

255, 255, 255

 198, 78, 152

 255, 160, 235

 169, 49, 126

 255, 189, 255

 140, 12, 101

 255, 217, 255

 113, 0, 77


 255, 247, 255


 85, 0, 54

 60, 0, 33

 32, 0, 5

 0, 0, 0

 227, 105, 179

 227, 105, 179

■ 227, 82, 170

■ 227, 128, 188

■ 227, 60, 161

■ 227, 150, 197

■ 227, 37, 152

■ 227, 173, 206

■ 227, 14, 143

■ 227, 196, 215

■ 227, 0, 138

■ 227, 219, 224

■ 227, 237, 241

■ 227, 245, 255

■ 227, 242, 255

■ 227, 241, 255

Harmonies

Analogous

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



181, 125, 224



227, 105, 179



242, 101, 127

Triad

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



227, 105, 179



38, 154, 37



0, 96, 218

Complementary

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



227, 105, 179



105, 193, 227

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, 87, 173



227, 105, 179



69, 165, 138

Square

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



227, 105, 179



153, 199, 44



0, 102, 171



0, 98, 247

Rectangle

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



227, 105, 179



237, 111, 94



0, 102, 171



0, 93, 203

Sweetspot

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



227, 105, 179



255, 214, 239



152, 105, 227



128, 103, 118



0, 0, 0



128, 128, 128

Same Dimension

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



227, 105, 179



255, 92, 191



227, 105, 119



115, 103, 110



179, 0, 108



51, 0, 31

Inverse Universe

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



227, 105, 179



255, 92, 191



105, 170, 227



115, 103, 110



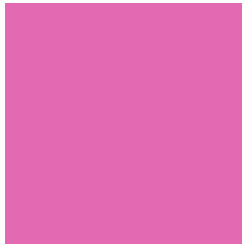
179, 0, 108



51, 0, 31

Previews

White Background



This preview shows how the RYB color 227, 105, 179 looks on a white background.

Color Contrast Check

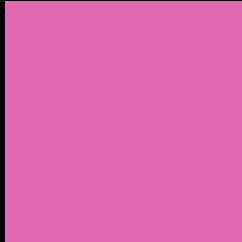
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 227, 105, 179 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 × Fail

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

RYB 227, 105, 179 Background



This preview shows how black text looks on a background with the RYB color 227, 105, 179.

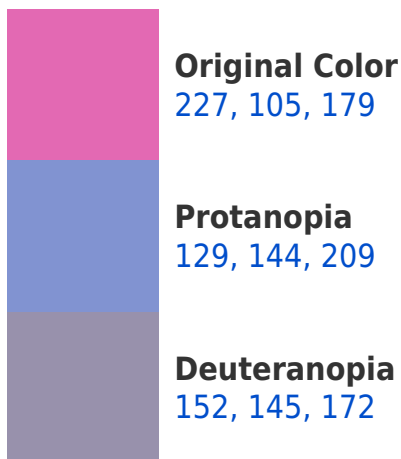


This preview shows how white text looks on a background with the RYB color 227, 105, 179.

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
222, 117, 125

Trichromacy



Original Color

227, 105, 179



Protanomaly

165, 132, 198



Deuteranomaly

179, 130, 175



Tritanomaly

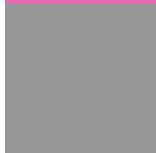
224, 113, 145

Monochromacy



Original Color

227, 105, 179



Achromatopsia

150, 150, 150



Achromatomaly

178, 134, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 105, 179 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(227, 105, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 105, 179)  
}
```

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(227, 105, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 105, 179) }
```

Border

The CSS property to change the border of an element to RYB 227, 105, 179 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(227, 105, 179) }
```

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

```
.border{ border-color:rgb(227, 105, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 105, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 105, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 105, 179); box-shadow:4px 4px 4px 4px rgb(227, 105, 179) }
```

Background

The CSS property to change the background color of an element to RYB 227, 105, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 105, 179) }
```

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

```
.background{ background-color: rgb(227,  
105, 179) }
```

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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