

Converting Colors

`RYB(229, 68, 175)`

Have a look what the booklet for
RYB(229, 68, 175) contains.

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Color

R_YB(229, 68, 175)

Conversions

Conversions Part 1

Format	Color
Hex	E544AF
RGB	229, 68, 175
RGB Percent	90%, 27%, 69%
CMY	0.1020, 0.7333, 0.3137
CMYK	0.00, 0.70, 0.24, 0.10
HSL	320°, 76%, 58%
HSV	320°, 70%, 90%
XYZ	42.1181, 23.8874, 42.9483
YIQ	128.3370, 61.6090, 67.4090

Conversions

Conversions Part 2

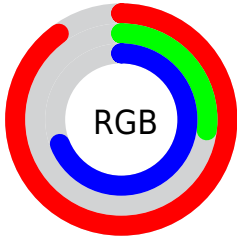
Format	Color
R _{YB}	229, 68, 175
Decimal	15025327
CIE Lab	55.97, 70.96, -22.58
CIE LCh	56, 74.464, 342.347
Yxy	23.8874, 0.3866, 0.2192
Android (android.graphics.Color)	4293215407 (0xFFE544AF)
YUV	128.3370, 23.0049, 88.2815
Hunter-Lab	48.8747, 68.2926, -17.8883

Details

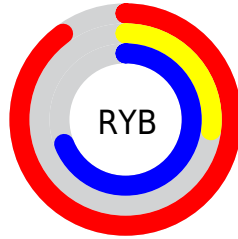
The RYB color **229, 68, 175** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **68, 189, 229**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **255, 128, 231**, and **169, 0, 122** is the 20% darker color. If you saturate the color by 10%, you get **229, 45, 167**, and if you desaturate by 10%, it is **229, 91, 183**.

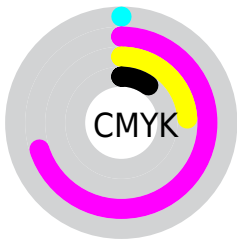
Distribution



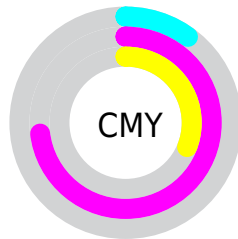
- Red (90%)
- Green (27%)
- Blue (69%)



- Red (90%)
- Yellow (27%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (24%)
- Black (10%)




- Cyan (10%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 68, 175 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, 68, 175 by changing the saturation by 10% instead.

 229, 68, 175

 229, 68, 175

255, 255, 255

 199, 31, 148

 255, 128, 231

 169, 0, 122

 255, 157, 255

 140, 0, 97

 255, 186, 255

 111, 0, 73

 255, 216, 255

 83, 0, 50

 255, 246, 255

 56, 0, 29

 23, 0, 0

 0, 0, 0

 229, 68, 175

 229, 68, 175

■ 229, 45, 167

■ 229, 91, 183

■ 229, 22, 160

■ 229, 114, 190

■ 229, 0, 152

■ 229, 137, 198

■ 229, 160, 206

■ 229, 183, 213

■ 229, 205, 221

■ 229, 228, 229

■ 229, 246, 251

■ 229, 245, 255

Harmonies

Analogous

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



169, 103, 231



229, 68, 175



247, 57, 110

Triad

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



229, 68, 175



0, 140, 3



0, 93, 221

Complementary

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



229, 68, 175



68, 189, 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, 82, 163



229, 68, 175



18, 153, 112

Square

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



229, 68, 175



125, 193, 0



0, 102, 160



0, 95, 255

Rectangle

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



229, 68, 175



240, 74, 69



0, 102, 160



0, 90, 202

Sweetspot

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



229, 68, 175



255, 201, 237



122, 68, 229



128, 96, 117



0, 0, 0



128, 128, 128

Same Dimension

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



229, 68, 175



255, 41, 183



229, 68, 95



115, 103, 111



179, 0, 119



51, 0, 34

Inverse Universe

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



229, 68, 175



255, 41, 183



68, 156, 229



115, 103, 111



179, 0, 119



51, 0, 34

Previews

White Background



This preview shows how the RYB color 229, 68, 175 looks on a white background.

Color Contrast Check

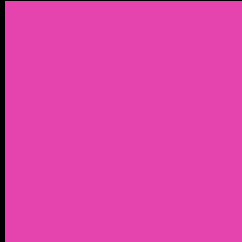
Large Text (above 18pt) WCAG AA ✓ Pass

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 229, 68, 175 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 229, 68, 175 Background



This preview shows how black text looks on a background with the RYB color 229, 68, 175.

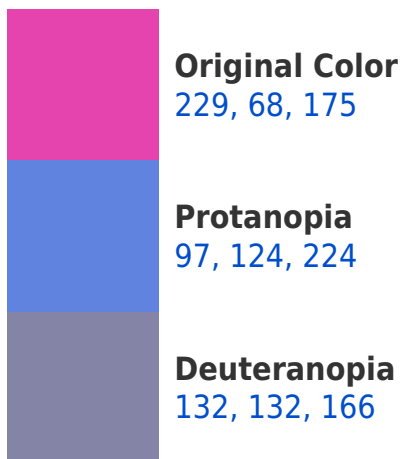


This preview shows how white text looks on a background with the RYB color 229, 68, 175.

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, 91, 96

Trichromacy



Original Color

229, 68, 175



Protanomaly

145, 109, 206



Deuteranomaly

167, 109, 169



Tritanomaly

225, 83, 125

Monochromacy



Original Color

229, 68, 175



Achromatopsia

128, 128, 128



Achromatomaly

165, 106, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 68, 175 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, 68, 175)` looks like.

```
.text, #text, p{  
    color:rgb(229, 68, 175)  
}
```

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, 68, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 68, 175) }
```

Border

The CSS property to change the border of an element to RYB 229, 68, 175 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, 68, 175) }
```

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

```
.border{ border-color:rgb(229, 68, 175) }
```

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

Here you see how a box with a 4 pixel rgb(229, 68, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 68, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 68, 175); box-shadow:4px 4px 4px 4px rgb(229, 68, 175) }
```

Background

The CSS property to change the background color of an element to RGB 229, 68, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 68, 175) }
```

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

```
.background{ background-color: rgb(229, 68,  
175) }
```

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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