

Converting Colors

`RYB(229, 92, 168)`

Have a look what the booklet for
RYB(229, 92, 168) contains.

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Color

R_YB(229, 92, 168)

Conversions

Conversions Part 1

Format	Color
Hex	E55CA8
RGB	229, 92, 168
RGB Percent	90%, 36%, 66%
CMY	0.1020, 0.6392, 0.3412
CMYK	0.00, 0.60, 0.27, 0.10
HSL	327°, 72%, 63%
HSV	327°, 60%, 90%
XYZ	43.2081, 27.1395, 40.0069
YIQ	141.6270, 57.2560, 52.6800

Conversions

Conversions Part 2

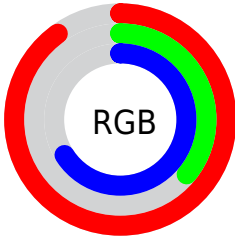
Format	Color
R _Y B	229, 92, 168
Decimal	15031464
CIE Lab	59.10, 60.73, -13.76
CIE LCh	59, 62.274, 347.235
Yxy	27.1395, 0.3915, 0.2459
Android (android.graphics.Color)	4293221544 (0xFFE55CA8)
YUV	141.6270, 13.0019, 76.6261
Hunter-Lab	52.0955, 56.8810, -9.0650

Details

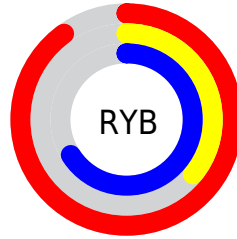
The RYB color **229, 92, 168** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **92, 187, 229**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 148, 223**, and **170, 30, 116** is the 20% darker color. If you saturate the color by 10%, you get **229, 69, 158**, and if you desaturate by 10%, it is **229, 115, 178**.

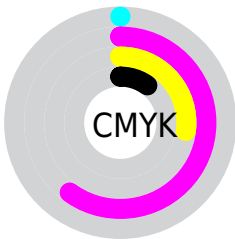
Distribution



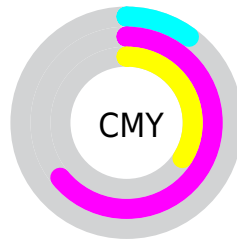
- Red (90%)
- Green (36%)
- Blue (66%)



- Red (90%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 92, 168 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, 92, 168 by changing the saturation by 10% instead.

 229, 92, 168

 229, 92, 168

255, 255, 255

 199, 63, 142

 255, 148, 223

 170, 30, 116

 255, 177, 252

 141, 0, 91

 255, 206, 255

 113, 0, 68

 255, 235, 255

 85, 0, 45

 60, 0, 25

 27, 0, 1

 0, 0, 0

 229, 92, 168

 229, 92, 168

■ 229, 69, 158

■ 229, 115, 178

■ 229, 46, 148

■ 229, 138, 188

■ 229, 23, 137

■ 229, 161, 199

■ 229, 0, 127

■ 229, 184, 209

■ 229, 207, 219

■ 229, 229, 229

■ 229, 245, 252

■ 229, 243, 255

■ 229, 242, 255

Harmonies

Analogous

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



184, 113, 217



229, 92, 168



241, 90, 113

Triad

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



229, 92, 168



18, 149, 27



0, 95, 222

Complementary

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



229, 92, 168



92, 187, 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, 85, 173



229, 92, 168



63, 161, 151

Square

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



229, 92, 168



110, 189, 21



0, 98, 166



0, 96, 249

Rectangle

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



229, 92, 168



233, 105, 79



0, 98, 166



0, 92, 207

Sweetspot

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



229, 92, 168



255, 209, 235



151, 92, 229



128, 99, 115



0, 0, 0



128, 128, 128

Same Dimension

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



229, 92, 168



255, 71, 173



229, 92, 101



115, 103, 110



179, 0, 99



51, 0, 28

Inverse Universe

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



229, 92, 168



255, 71, 173



92, 163, 229



115, 103, 110



179, 0, 99



51, 0, 28

Previews

White Background



This preview shows how the RYB color 229, 92, 168 looks on a white background.

Color Contrast Check

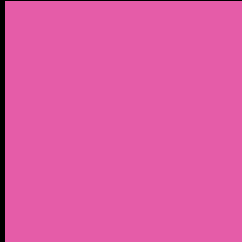
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92, 168 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, 92, 168 Background



This preview shows how black text looks on a background with the RYB color 229, 92, 168.

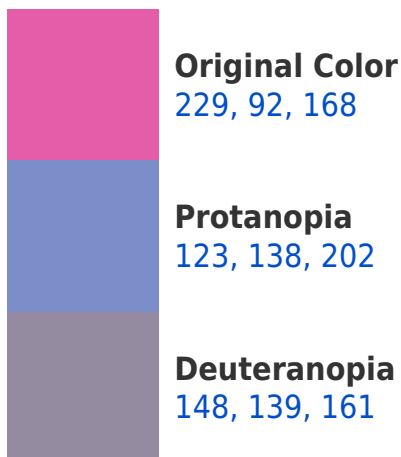



This preview shows how white text looks on a background with the RYB color 229, 92, 168.

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
224, 105, 112

Trichromacy



Original Color

229, 92, 168



Protanomaly

162, 123, 190



Deuteranomaly

177, 122, 164



Tritanomaly

226, 100, 132

Monochromacy



Original Color

229, 92, 168



Achromatopsia

142, 142, 142



Achromatomaly

174, 124, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 92, 168 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, 92, 168)` looks like.

```
.text, #text, p{  
    color:rgb(229, 92, 168)  
}
```

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, 92, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 92, 168) }
```

Border

The CSS property to change the border of an element to RYB 229, 92, 168 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, 92, 168) }
```

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

```
.border{ border-color:rgb(229, 92, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 92, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 92, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 92, 168);  
box-shadow:4px 4px 4px 4px rgb(229, 92,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 229, 92, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 92, 168) }
```

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

```
.background{ background-color: rgb(229, 92,  
168) }
```

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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