

Converting Colors

`RYB(212, 68, 148)`

Have a look what the booklet for
RYB(212, 68, 148) contains.

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Color

`RYB(212, 68, 148)`

Conversions

Conversions Part 1

Format	Color
Hex	D44494
RGB	212, 68, 148
RGB Percent	83%, 27%, 58%
CMY	0.1686, 0.7333, 0.4196
CMYK	0.00, 0.68, 0.30, 0.17
HSL	327°, 63%, 55%
HSV	327°, 68%, 83%
XYZ	34.5638, 20.2694, 30.1076
YIQ	120.1760, 60.1440, 55.4080

Conversions

Conversions Part 2

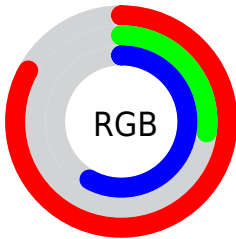
Format	Color
R_{YB}	212, 68, 148
Decimal	13911188
CIE _{Lab}	52.14, 63.18, -12.81
CIE _{LCh}	52, 64.465, 348.535
Yxy	20.2694, 0.4069, 0.2386
Android (android.graphics.Color)	4292101268 (0xFFD44494)
YUV	120.1760, 13.7172, 80.5296
Hunter-Lab	45.0216, 58.2497, -8.1344

Details

The RYB color **212, 68, 148** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **68, 168, 212**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 126, 202**, and **153, 0, 97** is the 20% darker color. If you saturate the color by 10%, you get **212, 47, 139**, and if you desaturate by 10%, it is **212, 89, 157**.

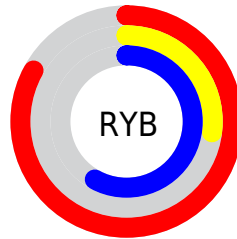
Distribution



Red (83%)

Green (27%)

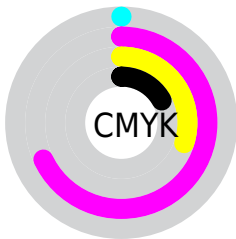
Blue (58%)



Red (83%)

Yellow (27%)

Blue (58%)

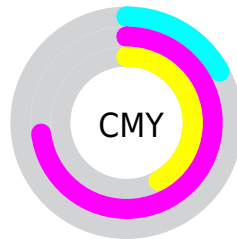


Cyan (0%)

Magenta (68%)

Yellow (30%)

Black (17%)



Cyan (17%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 68, 148 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 212, 68, 148 by changing the saturation by 10% instead.



212, 68, 148



212, 68, 148

255, 255, 255



182, 35, 122



255, 126, 202



153, 0, 97



255, 154, 230



124, 0, 73



255, 183, 255



96, 0, 51



255, 212, 255



69, 0, 30



255, 241, 255



42, 0, 1



0, 0, 0



212, 68, 148



212, 68, 148



212, 47, 139



212, 89, 157

■ 212, 26, 129

■ 212, 110, 167

■ 212, 4, 120

■ 212, 132, 176

■ 212, 0, 118

■ 212, 153, 186

■ 212, 174, 195

■ 212, 195, 205

■ 212, 215, 216

■ 212, 230, 238

■ 212, 241, 255

Harmonies

Analogous

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



169, 93, 198



212, 68, 148



222, 67, 93

Triad

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



212, 68, 148



0, 132, 15



0, 86, 207

Complementary

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



212, 68, 148



68, 168, 212

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, 77, 158



212, 68, 148



43, 142, 143

Square

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



212, 68, 148



78, 167, 0



0, 88, 148



0, 86, 233

Rectangle

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



212, 68, 148



212, 85, 58



0, 88, 148



0, 84, 192

Sweetspot

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



212, 68, 148



255, 204, 232



130, 68, 212



128, 97, 114



0, 0, 0



128, 128, 128

Same Dimension

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



212, 68, 148



255, 46, 162



212, 68, 78



107, 96, 102



171, 0, 95



43, 0, 24

Inverse Universe

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



212, 68, 148



255, 46, 162



68, 143, 212



107, 96, 102



171, 0, 95



43, 0, 24

Previews

White Background



This preview shows how the RYB color 212, 68, 148 looks on a white background.

Color Contrast Check

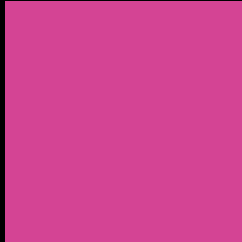
Large Text (above 18pt) WCAG AA ✓ Pass

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 212, 68, 148 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](#).

RYP 212, 68, 148 Background



This preview shows how black text looks on a background with the RYP color 212, 68, 148.

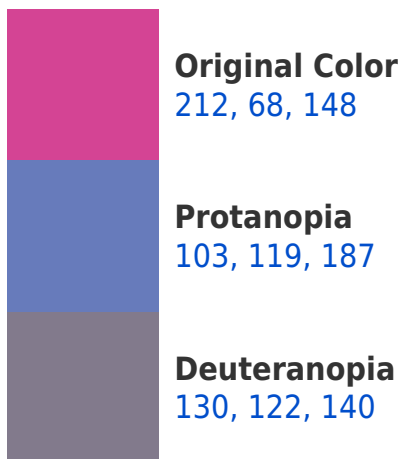


This preview shows how white text looks on a background with the RYP color 212, 68, 148.

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
207, 83, 89

Trichromacy



Original Color

212, 68, 148



Protanomaly

143, 103, 173



Deuteranomaly

160, 102, 143



Tritanomaly

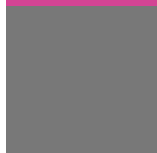
209, 78, 110

Monochromacy



Original Color

212, 68, 148



Achromatopsia

120, 120, 120



Achromatomaly

153, 101, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 68, 148 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(212, 68, 148)` looks like.

```
.text, #text, p{  
    color:rgb(212, 68, 148)  
}
```

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(212, 68, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 68, 148) }
```

Border

The CSS property to change the border of an element to RYB 212, 68, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

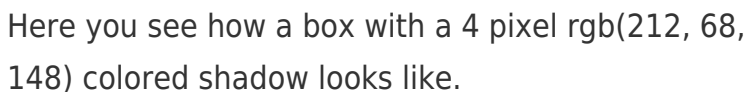
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 68, 148) }
```

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

```
.border{ border-color:rgb(212, 68, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 68, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 68, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 68, 148); box-shadow:4px 4px 4px 4px rgb(212, 68, 148) }
```

Background

The CSS property to change the background color of an element to RGB 212, 68, 148 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 68, 148) }
```

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

```
.background{ background-color: rgb(212, 68,  
148) }
```

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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