

Converting Colors

`RYB(250, 92, 168)`

Have a look what the booklet for
RYB(250, 92, 168) contains.

RYB(250, 92, 168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(250, 92, 168)`

Conversions

Conversions Part 1

Format	Color
Hex	FA5CA8
RGB	250, 92, 168
RGB Percent	98%, 36%, 66%
CMY	0.0196, 0.6392, 0.3412
CMYK	0.00, 0.63, 0.33, 0.02
HSL	331°, 94%, 67%
HSV	331°, 63%, 98%
XYZ	50.3194, 30.8054, 40.3397
YIQ	147.9060, 69.7720, 57.1320

Conversions

Conversions Part 2

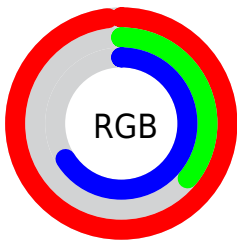
Format	Color
R _Y B	250, 92, 168
Decimal	16407720
CIE Lab	62.34, 66.80, -8.57
CIE LCh	62, 67.347, 352.689
Yxy	30.8054, 0.4143, 0.2536
Android (android.graphics.Color)	4294597800 (0xFFFA5CA8)
YUV	147.9060, 9.9063, 89.5364
Hunter-Lab	55.5026, 64.7006, -4.2405

Details

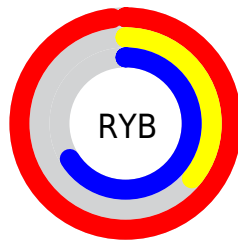
The RYB color **250, 92, 168** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **92, 196, 250**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 150, 223**, and **189, 23, 116** is the 20% darker color. If you saturate the color by 10%, you get **250, 67, 155**, and if you desaturate by 10%, it is **250, 117, 181**.

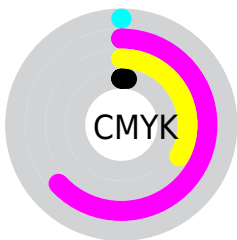
Distribution



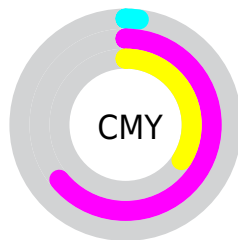
- Red (98%)
- Green (36%)
- Blue (66%)



- Red (98%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 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 250, 92, 168 by changing the saturation by 10% instead.



250, 92, 168



250, 92, 168

255, 255, 255



219, 61, 142



255, 150, 223



189, 23, 116



255, 179, 252



160, 0, 91



255, 208, 255



130, 0, 68



255, 238, 255



101, 0, 46



74, 0, 26



45, 0, 2



0, 0, 0



250, 92, 168



250, 92, 168

■ 250, 67, 155

■ 250, 117, 181

■ 250, 42, 142

■ 250, 142, 194

■ 250, 17, 129

■ 250, 167, 207

■ 250, 0, 120

■ 250, 192, 220

■ 250, 217, 233

■ 250, 242, 246

■ 250, 253, 255

Harmonies

Analogous

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



208, 114, 224



250, 92, 168



255, 95, 108

Triad

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



250, 92, 168



17, 161, 42



0, 102, 245

Complementary

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



250, 92, 168



92, 196, 250

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, 93, 195



250, 92, 168



52, 154, 172

Square

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



250, 92, 168



68, 192, 2



0, 102, 178



0, 99, 255

Rectangle

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



250, 92, 168



244, 119, 72



0, 102, 178



0, 100, 231

Sweetspot

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



250, 92, 168



255, 207, 230



174, 92, 250



128, 98, 112



0, 0, 0



128, 128, 128

Same Dimension

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



250, 92, 168



255, 61, 154



250, 95, 92



125, 112, 118



189, 0, 91



61, 0, 29

Inverse Universe

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



250, 92, 168



255, 61, 154



92, 170, 250



125, 112, 118



189, 0, 91



61, 0, 29

Previews

White Background



This preview shows how the RYB color 250, 92, 168 looks on a white background.

Color Contrast Check

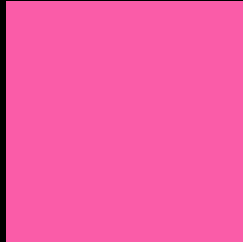
Large Text (above 18pt) WCAG AA × Fail

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 250, 92, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

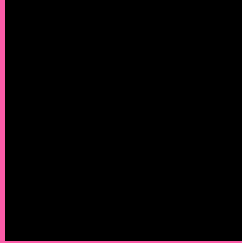
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 250, 92, 168 Background



This preview shows how black text looks on a background with the RYB color 250, 92, 168.

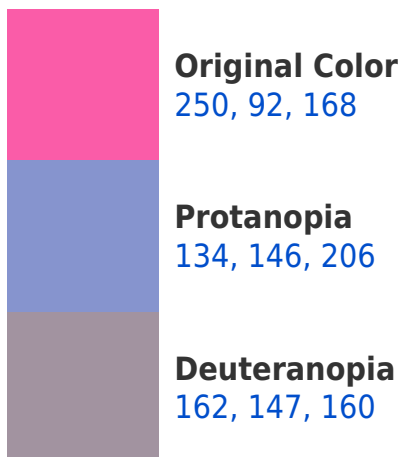



This preview shows how white text looks on a background with the RYB color 250, 92, 168.

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
246, 105, 112

Trichromacy



Original Color
250, 92, 168



Protanomaly
176, 128, 192



Deuteranomaly
194, 127, 163

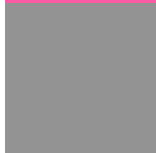


Tritanomaly
247, 100, 132

Monochromacy



Original Color
250, 92, 168



Achromatopsia
148, 148, 148



Achromatomaly
185, 128, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 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(250, 92, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 92, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 92, 168) }
```

Border

The CSS property to change the border of an element to RYB 250, 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(250, 92, 168) }
```

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

```
.border{ border-color:rgb(250, 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(250, 92, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 92, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 92, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 92,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 250, 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(250, 92, 168) }
```

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

```
.background{ background-color: rgb(250, 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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