

Converting Colors

`RYB(250, 107, 192)`

Have a look what the booklet for
RYB(250, 107, 192) contains.

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Color

R_YB(250, 107, 192)

Conversions

Conversions Part 1

Format	Color
Hex	FA6BC0
RGB	250, 107, 192
RGB Percent	98%, 42%, 75%
CMY	0.0196, 0.5804, 0.2471
CMYK	0.00, 0.57, 0.23, 0.02
HSL	324°, 93%, 70%
HSV	324°, 57%, 98%
XYZ	54.1965, 34.6452, 53.6999
YIQ	159.4470, 57.9430, 56.7510

Conversions

Conversions Part 2

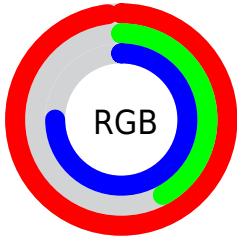
Format	Color
R _Y B	250, 107, 192
Decimal	16411584
CIE _{Lab}	65.47, 63.45, -17.55
CIE _{LCh}	65, 65.829, 344.540
Y _{xy}	34.6452, 0.3802, 0.2431
Android (android.graphics.Color)	4294601664 (0xFFFA6BC0)
YUV	159.4470, 16.0486, 79.4150
Hunter-Lab	58.8601, 61.3517, -12.8900

Details

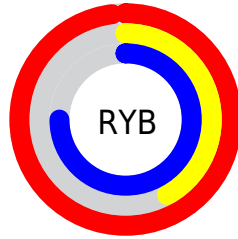
The RYB color **250, 107, 192** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **107, 209, 250**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 164, 248**, and **190, 47, 138** is the 20% darker color. If you saturate the color by 10%, you get **250, 82, 182**, and if you desaturate by 10%, it is **250, 132, 202**.

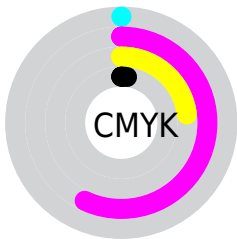
Distribution



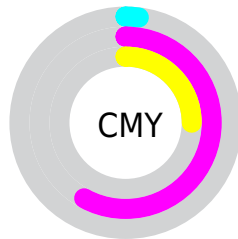
- Red (98%)
- Green (42%)
- Blue (75%)



- Red (98%)
- Yellow (42%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 107, 192 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, 107, 192 by changing the saturation by 10% instead.

 250, 107, 192

 250, 107, 192

255, 255, 255

 220, 78, 165

 255, 164, 248

 190, 47, 138

 255, 193, 255

 161, 0, 113

 255, 222, 255

 132, 0, 88

 255, 252, 255


 104, 0, 65

 76, 0, 43


 50, 0, 22


 2, 0, 0


 0, 0, 0


 250, 107, 192


 250, 107, 192


 250, 82, 182

 250, 132, 202

 250, 57, 172

 250, 157, 212

 250, 32, 162

 250, 182, 222

 250, 7, 151

 250, 207, 233

 250, 0, 149

 250, 232, 243

 250, 253, 255

 250, 253, 255

Harmonies

Analogous

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



198, 130, 244



250, 107, 192



255, 103, 133

Triad

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



250, 107, 192



26, 165, 29



0, 104, 241

Complementary

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



250, 107, 192



107, 209, 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, 94, 187



250, 107, 192



69, 178, 153

Square

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



250, 107, 192



146, 214, 34



0, 110, 185



0, 103, 255

Rectangle

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



250, 107, 192



255, 115, 95



0, 110, 185



0, 102, 224

Sweetspot

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



250, 107, 192



255, 212, 237



164, 107, 250



128, 102, 117



0, 0, 0



128, 128, 128

Same Dimension

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



250, 107, 192



255, 79, 184



250, 107, 121



125, 112, 120



189, 0, 112



61, 0, 36

Inverse Universe

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



250, 107, 192



255, 79, 184



107, 182, 250



125, 112, 120



189, 0, 112



61, 0, 36

Previews

White Background



This preview shows how the RYB color 250, 107, 192 looks on a white background.

Color Contrast Check

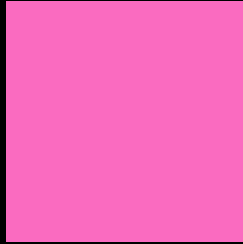
Large Text (above 18pt) WCAG AA × Fail

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, 107, 192 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, 107, 192 Background



This preview shows how black text looks on a background with the RYB color 250, 107, 192.



This preview shows how white text looks on a background with the RYB color 250, 107, 192.

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



Original Color
250, 107, 192

Protanopia
137, 153, 228

Deuteranopia
163, 155, 184



Tritanopia
244, 121, 130

Trichromacy



Original Color

250, 107, 192



Protanomaly

178, 139, 215



Deuteranomaly

195, 138, 187



Tritanomaly

246, 116, 153

Monochromacy



Original Color

250, 107, 192



Achromatopsia

159, 159, 159



Achromatomaly

192, 140, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 107, 192 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, 107, 192)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 192)  
}
```

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, 107, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 192) }
```

Border

The CSS property to change the border of an element to RYB 250, 107, 192 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, 107, 192) }
```

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

```
.border{ border-color:rgb(250, 107, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 107, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 192);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 250, 107, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 192) }
```

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

```
.background{ background-color: rgb(250,  
107, 192) }
```

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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