

Converting Colors

`RYB(250, 47, 159)`

Have a look what the booklet for
RYB(250, 47, 159) contains.

RYB(250, 47, 159)	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

R_YB(250, 47, 159)

Conversions

Conversions Part 1

Format	Color
Hex	FA2F9F
RGB	250, 47, 159
RGB Percent	98%, 18%, 62%
CMY	0.0196, 0.8157, 0.3765
CMYK	0.00, 0.81, 0.36, 0.02
HSL	327°, 95%, 58%
HSV	327°, 81%, 98%
XYZ	46.6989, 24.8602, 35.1381
YIQ	120.4650, 85.0360, 77.8680

Conversions

Conversions Part 2

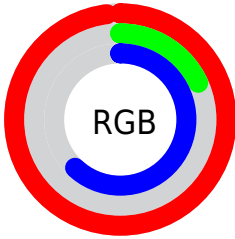
Format	Color
R_{YB}	250, 47, 159
Decimal	16396191
CIE _{Lab}	56.94, 80.15, -11.43
CIE _{LCh}	57, 80.960, 351.886
Yxy	24.8602, 0.4377, 0.2330
Android (android.graphics.Color)	4294586271 (0xFFFA2F9F)
YUV	120.4650, 18.9978, 113.6022
Hunter-Lab	49.8600, 79.9279, -6.8817

Details

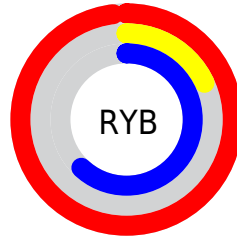
The RYB color **250, 47, 159** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **47, 187, 250**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 116, 214**, and **188, 0, 108** is the 20% darker color. If you saturate the color by 10%, you get **250, 22, 148**, and if you desaturate by 10%, it is **250, 72, 170**.

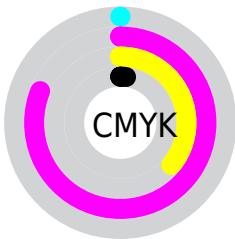
Distribution



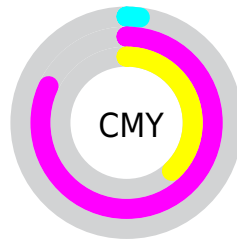
- Red (98%)
- Green (18%)
- Blue (62%)



- Red (98%)
- Yellow (18%)
- Blue (62%)



- Cyan (0%)
- Magenta (81%)
- Yellow (36%)
- Black (2%)




- Cyan (2%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 47, 159 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, 47, 159 by changing the saturation by 10% instead.

 250, 47, 159

 250, 47, 159

255, 255, 255

 219, 0, 133

 255, 116, 214

 188, 0, 108

 255, 147, 242

 157, 0, 83

 255, 177, 255

 127, 0, 60

 255, 207, 255

 97, 0, 39

 255, 237, 255


 69, 0, 17

 37, 0, 1

 0, 0, 0

 250, 47, 159


 250, 47, 159


 250, 22, 148


 250, 72, 170


 250, 0, 138

 250, 97, 181

 250, 122, 193

 250, 147, 204

 250, 172, 215

 250, 197, 226

 250, 222, 237

 250, 247, 249

 250, 253, 255

Harmonies

Analogous

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



201, 89, 225



250, 47, 159



255, 53, 89

Triad

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



250, 47, 159



0, 148, 32



0, 98, 248

Complementary

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



250, 47, 159



47, 187, 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, 88, 188



250, 47, 159



0, 130, 160

Square

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



250, 47, 159



77, 181, 0



0, 98, 166



0, 95, 255

Rectangle

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



250, 47, 159



242, 88, 43



0, 98, 166



0, 96, 230

Sweetspot

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



250, 47, 159



255, 194, 228



135, 47, 250



128, 91, 111



0, 0, 0



128, 128, 128

Same Dimension

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



250, 47, 159



255, 8, 144



250, 47, 61



125, 112, 119



189, 0, 104



61, 0, 34

Inverse Universe

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



250, 47, 159



255, 8, 144



47, 152, 250



125, 112, 119



189, 0, 104



61, 0, 34

Previews

White Background



This preview shows how the RYB color 250, 47, 159 looks on a white background.

Color Contrast Check

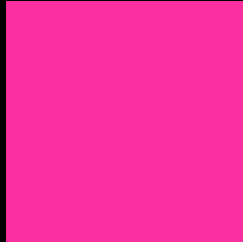
Large Text (above 18pt) WCAG AA ✓ Pass

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 250, 47, 159 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 250, 47, 159 Background



This preview shows how black text looks on a background with the RYB color 250, 47, 159.

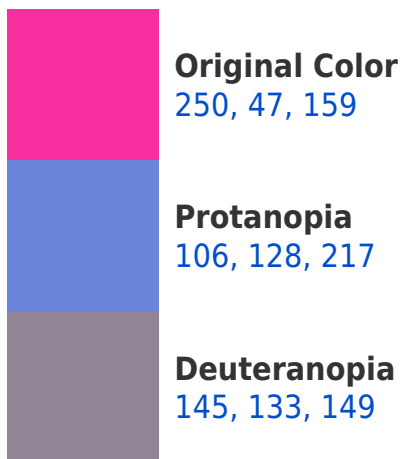


This preview shows how white text looks on a background with the RYB color 250, 47, 159.

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
245, 74, 78

Trichromacy



Original Color

250, 47, 159



Protanomaly

158, 102, 196



Deuteranomaly

183, 102, 153



Tritanomaly

247, 64, 107

Monochromacy



Original Color

250, 47, 159



Achromatopsia

120, 120, 120



Achromatomaly

167, 93, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 47, 159 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, 47, 159)` looks like.

```
.text, #text, p{  
    color:rgb(250, 47, 159)  
}
```

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, 47, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 47, 159) }
```

Border

The CSS property to change the border of an element to RYB 250, 47, 159 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, 47, 159) }
```

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

```
.border{ border-color:rgb(250, 47, 159) }
```

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

Here you see how a box with a 4 pixel rgb(250, 47, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 47, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 47, 159);  
box-shadow:4px 4px 4px 4px rgb(250, 47,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 250, 47, 159 is called "background".

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

```
.background, #background, body{  
background: rgb(250, 47, 159) }
```

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

```
.background{ background-color: rgb(250, 47,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor