

Converting Colors

`RYB(251, 89, 194)`

Have a look what the booklet for
RYB(251, 89, 194) contains.

RYB(251, 89, 194)	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(251, 89, 194)

Conversions

Conversions Part 1

Format	Color
Hex	FB59C2
RGB	251, 89, 194
RGB Percent	98%, 35%, 76%
CMY	0.0157, 0.6510, 0.2392
CMYK	0.00, 0.65, 0.23, 0.02
HSL	321°, 95%, 67%
HSV	321°, 65%, 98%
XYZ	53.0936, 31.5490, 54.3302
YIQ	149.4080, 62.8470, 66.9990

Conversions

Conversions Part 2

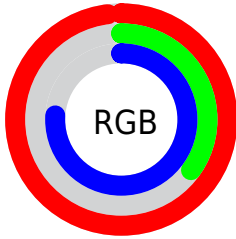
Format	Color
R _{YB}	251, 89, 194
Decimal	16472514
CIE _{Lab}	62.97, 71.40, -22.48
CIE _{LCh}	63, 74.860, 342.525
Yxy	31.5490, 0.3820, 0.2270
Android (android.graphics.Color)	4294662594 (0xFFFB59C2)
YUV	149.4080, 21.9839, 89.0962
Hunter-Lab	56.1685, 70.4333, -18.0315

Details

The RYB color **251, 89, 194** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **89, 209, 251**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 148, 251**, and **191, 10, 140** is the 20% darker color. If you saturate the color by 10%, you get **251, 64, 185**, and if you desaturate by 10%, it is **251, 114, 203**.

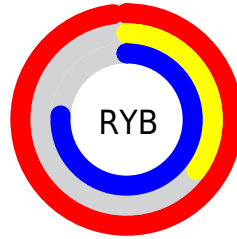
Distribution



Red (98%)

Green (35%)

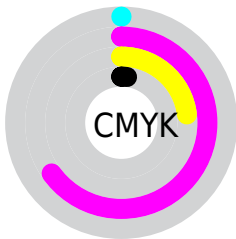
Blue (76%)



Red (98%)

Yellow (35%)

Blue (76%)

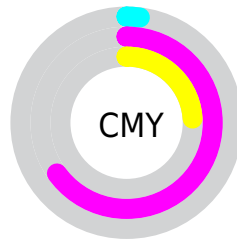


Cyan (0%)

Magenta (65%)

Yellow (23%)

Black (2%)



Cyan (2%)

Magenta (65%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 89, 194 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 251, 89, 194 by changing the saturation by 10% instead.



251, 89, 194



251, 89, 194

255, 255, 255



221, 57, 167



255, 148, 251



191, 10, 140



255, 177, 255



161, 0, 115



255, 207, 255



132, 0, 90



255, 236, 255



103, 0, 66



76, 0, 44



48, 0, 22



0, 0, 0



251, 89, 194



251, 89, 194

■ 251, 64, 185

■ 251, 114, 203

■ 251, 39, 176

■ 251, 139, 212

■ 251, 14, 168

■ 251, 164, 220

■ 251, 0, 163

■ 251, 189, 229

■ 251, 215, 238

■ 251, 240, 247

■ 251, 253, 255

Harmonies

Analogous

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



190, 121, 251



251, 89, 194



255, 80, 127

Triad

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



251, 89, 194



0, 158, 1



0, 103, 241

Complementary

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



251, 89, 194



89, 209, 251

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, 183



251, 89, 194



41, 173, 135

Square

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



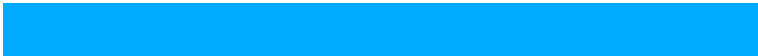
251, 89, 194



125, 214, 0



0, 112, 180



0, 102, 255

Rectangle

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



251, 89, 194



255, 95, 85



0, 112, 180



0, 100, 223

Sweetspot

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



251, 89, 194



255, 207, 238



146, 89, 251



128, 98, 117



0, 0, 0



128, 128, 128

Same Dimension

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



251, 89, 194



255, 59, 186



251, 89, 113



125, 112, 121



189, 0, 122



61, 0, 40

Inverse Universe

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



251, 89, 194



255, 59, 186



89, 176, 251



125, 112, 121



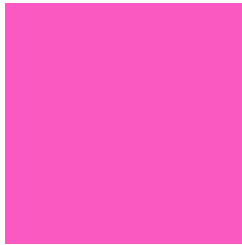
189, 0, 122



61, 0, 40

Previews

White Background



This preview shows how the RYB color 251, 89, 194 looks on a white background.

Color Contrast Check

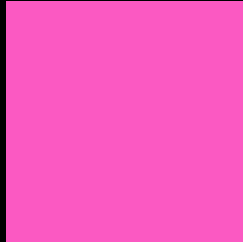
Large Text (above 18pt) WCAG AA × Fail

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 251, 89, 194 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 251, 89, 194 Background



This preview shows how black text looks on a background with the RYB color 251, 89, 194.

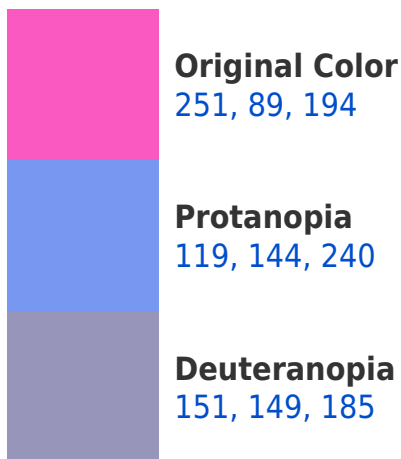



This preview shows how white text looks on a background with the RYB color 251, 89, 194.

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
244, 109, 116

Trichromacy



Original Color

251, 89, 194



Protanomaly

167, 128, 223



Deuteranomaly

187, 127, 188



Tritanomaly

247, 102, 144

Monochromacy



Original Color

251, 89, 194



Achromatopsia

149, 149, 149



Achromatomaly

186, 127, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 89, 194 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(251, 89, 194)` looks like.

```
.text, #text, p{  
    color:rgb(251, 89, 194)  
}
```

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(251, 89, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 89, 194) }
```

Border

The CSS property to change the border of an element to RYB 251, 89, 194 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(251, 89, 194) }
```

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

```
.border{ border-color:rgb(251, 89, 194) }
```

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

Here you see how a box with a 4 pixel rgb(251, 89, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 89, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 89, 194);  
box-shadow:4px 4px 4px 4px rgb(251, 89,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 251, 89, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 89, 194) }
```

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

```
.background{ background-color: rgb(251, 89,  
194) }
```

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