

Converting Colors

RGB(251, 90, 230)

Have a look what the booklet for
RGB(251, 90, 230) contains.

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Color

RGB(251, 90, 230)

Conversions

Conversions Part 1

Format	Color
Hex	FB5AE6
RGB	251, 90, 230
RGB Percent	98%, 35%, 90%
CMY	0.0157, 0.6471, 0.0980
CMYK	0.00, 0.64, 0.08, 0.02
HSL	308°, 95%, 67%
HSV	308°, 64%, 98%
XYZ	57.7228, 33.5347, 78.2934
YIQ	154.0990, 51.0160, 77.6720

Conversions

Conversions Part 2

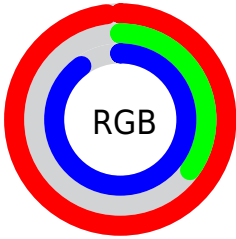
Format	Color
RYB	251, 90, 230
Decimal	16472806
CIELab	64.59, 76.04, -40.23
CIELCh	65, 86.029, 332.121
Yxy	33.5347, 0.3404, 0.1978
Android (android.graphics.Color)	4294662886 (0xFFFB5AE6)
YUV	154.0990, 37.4192, 84.9822
Hunter-Lab	57.9092, 76.5843, -39.6239

Details

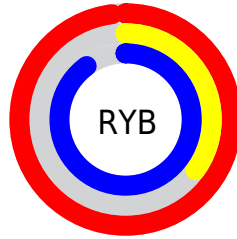
The RGB color **251, 90, 230** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **90, 251, 111**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 150, 255**, and **191, 6, 174** is the 20% darker color. If you saturate the color by 10%, you get **251, 65, 227**, and if you desaturate by 10%, it is **251, 115, 233**.

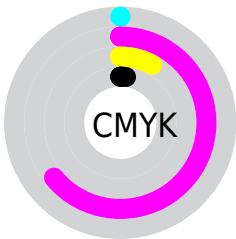
Distribution



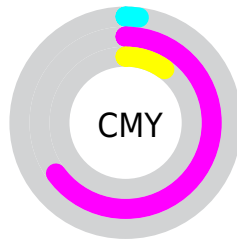
- Red (98%)
- Green (35%)
- Blue (90%)



- Red (98%)
- Yellow (35%)
- Blue (90%)



- Cyan (0%)
- Magenta (64%)
- Yellow (8%)
- Black (2%)


















- Cyan (2%)
- Magenta (65%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 90, 230 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 RGB color 251, 90, 230 by changing the saturation by 10% instead.

 251, 90, 230	 251, 90, 230
255, 255, 255	 221, 57, 202
 255, 150, 255	 191, 6, 174
 255, 179, 255	 162, 0, 147
 255, 209, 255	 133, 0, 121
 255, 239, 255	 104, 0, 95
	 76, 0, 71
	 49, 0, 48
	 9, 0, 26
	 0, 0, 0

■ 251, 90, 230

■ 251, 90, 230

■ 251, 65, 227

■ 251, 115, 233

■ 251, 40, 223

■ 251, 140, 237

■ 251, 15, 220

■ 251, 165, 240

■ 251, 0, 218

■ 251, 190, 243

■ 251, 216, 246

■ 251, 241, 250

■ 251, 255, 253

■ 251, 255, 255

Harmonies

Analogous

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



157, 133, 255



251, 90, 230



255, 59, 155

Triad

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



251, 90, 230



184, 155, 0



0, 190, 237

Complementary

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



251, 90, 230



90, 251, 111

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, 190, 160



251, 90, 230



105, 175, 0

Square

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



251, 90, 230



244, 124, 0



0, 185, 79



0, 183, 255

Rectangle

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



251, 90, 230



255, 70, 104



0, 185, 79



0, 190, 213

Sweetspot

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



251, 90, 230



255, 207, 249



109, 90, 251



128, 98, 124



0, 0, 0



128, 128, 128

Same Dimension

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



251, 90, 230



255, 59, 229



251, 90, 152



125, 112, 123



189, 0, 164



61, 0, 53

Inverse Universe

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



251, 90, 230



255, 59, 229



90, 251, 189



125, 112, 123



189, 0, 164



61, 0, 53

Previews

White Background



This preview shows how the RGB color 251, 90, 230 looks on a white background.

Color Contrast Check

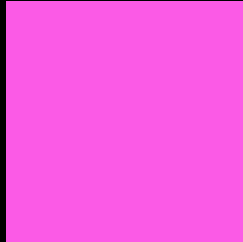
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 251, 90, 230 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](#).

RGB 251, 90, 230 Background



This preview shows how black text looks on a background with the RGB color 251, 90, 230.

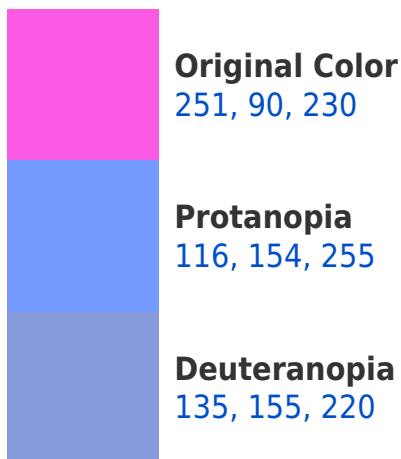



This preview shows how white text looks on a background with the RGB color 251, 90, 230.

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
240, 119, 128

Trichromacy



Original Color

251, 90, 230



Protanomaly

165, 131, 246



Deuteranomaly

177, 131, 224



Tritanomaly

244, 108, 165

Monochromacy



Original Color

251, 90, 230



Achromatopsia

154, 154, 154



Achromatomaly

189, 131, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 90, 230 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, 90, 230) looks like.

```
.text, #text, p{  
    color:rgb(251, 90, 230)  
}
```

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, 90, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 90, 230) }
```

Border

The CSS property to change the border of an element to RGB 251, 90, 230 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, 90, 230) }
```

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

```
.border{ border-color:rgb(251, 90, 230) }
```

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

Here you see how a box with a 4 pixel rgb(251, 90, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 90, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 90, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 90,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 251, 90, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 90, 230) }
```

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

```
.background{ background-color: rgb(251, 90,  
230) }
```

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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