

Converting Colors

RGB(251, 75, 166)

Have a look what the booklet for
RGB(251, 75, 166) contains.

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Color

RGB(251, 75, 166)

Conversions

Conversions Part 1	
Format	Color
Hex	FB4BA6
RGB	251, 75, 166
RGB Percent	98%, 29%, 65%
CMY	0.0157, 0.7059, 0.3490
CMYK	0.00, 0.70, 0.34, 0.02
HSL	329°, 96%, 64%
HSV	329°, 70%, 98%
XYZ	49.1827, 28.2946, 38.9456
YIQ	137.9980, 75.6850, 65.6130

Conversions

Conversions Part 2

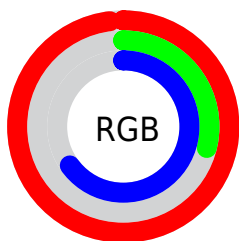
Format	Color
RYB	251, 75, 166
Decimal	16468902
CIELab	60.15, 73.17, -10.67
CIELCh	60, 73.940, 351.703
Yxy	28.2946, 0.4224, 0.2430
Android (android.graphics.Color)	4294658982 (0xFFFFB4BA6)
YUV	137.9980, 13.8050, 99.1028
Hunter-Lab	53.1926, 71.9566, -6.1750

Details

The RGB color **251, 75, 166** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75, 251, 160**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 136, 221**, and **190, 0, 114** is the 20% darker color. If you saturate the color by 10%, you get **251, 50, 154**, and if you desaturate by 10%, it is **251, 100, 178**.

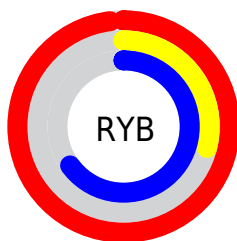
Distribution



Red (98%)

Green (29%)

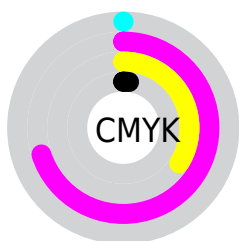
Blue (65%)



Red (98%)

Yellow (29%)

Blue (65%)

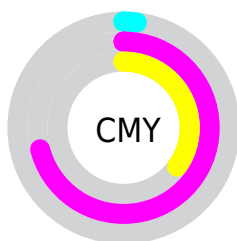


Cyan (0%)

Magenta (70%)

Yellow (34%)

Black (2%)



Cyan (2%)















Magenta (71%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the RGB color 251, 75, 166 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, 75, 166 by changing the saturation by 10% instead.


 251, 75, 166	 251, 75, 166
255, 255, 255	 220, 39, 140
 255, 136, 221	 190, 0, 114
 255, 165, 250	 160, 0, 90
 255, 195, 255	 130, 0, 66
 255, 225, 255	 101, 0, 44
255, 255, 255	 74, 0, 24
	 43, 0, 1
	 0, 0, 0

 251, 75, 166	 251, 75, 166
--	--


 251, 50, 154


 251, 100, 178


 251, 25, 142


 251, 125, 190

 251, 0, 130


 251, 150, 202

 251, 175, 214

 251, 200, 227

 251, 226, 239

 251, 251, 251

 251, 255, 255

Harmonies

Analogous

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



205, 104, 227



251, 75, 166



255, 78, 101

Triad

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



251, 75, 166



129, 156, 0



0, 170, 247

Complementary

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



251, 75, 166



75, 251, 160

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, 174, 192



251, 75, 166



24, 167, 57

Square

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



251, 75, 166



189, 136, 0



0, 173, 124



0, 158, 255

Rectangle

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



251, 75, 166



245, 97, 60



0, 173, 124



0, 172, 231

Sweetspot

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



251, 75, 166



255, 201, 229



157, 75, 251



128, 96, 112



0, 0, 0



128, 128, 128

Same Dimension

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



251, 75, 166



255, 41, 152



251, 75, 81



125, 112, 119



189, 0, 98



61, 0, 32

Inverse Universe

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



251, 75, 166



255, 41, 152



75, 251, 245



125, 112, 119



189, 0, 98



61, 0, 32

Previews

White Background



This preview shows how the RGB color 251, 75, 166 looks on a white background.

Color Contrast Check

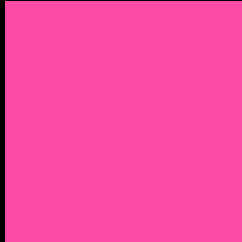
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 251, 75, 166 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](#).

RGB 251, 75, 166 Background



This preview shows how black text looks on a background with the RGB color 251, 75, 166.



This preview shows how white text looks on a background with the RGB color 251, 75, 166.

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

251, 75, 166

Protanopia

122, 143, 213

Deuteranopia

154, 141, 157



Tritanopia

246, 93, 98

Trichromacy



Original Color

251, 75, 166



Protanomaly

169, 118, 196



Deuteranomaly

189, 117, 160



Tritanomaly

248, 86, 123

Monochromacy



Original Color

251, 75, 166



Achromatopsia

138, 138, 138



Achromatomaly

179, 115, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 75, 166 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, 75, 166) looks like.

```
.text, #text, p{  
    color:rgb(251, 75, 166)  
}
```

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, 75, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 75, 166) }
```

Border

The CSS property to change the border of an element to RGB 251, 75, 166 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, 75, 166) }
```

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

```
.border{ border-color:rgb(251, 75, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 75, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 75, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 75, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 75,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 251, 75, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 75, 166) }
```

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

```
.background{ background-color: rgb(251, 75,  
166) }
```

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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