

Converting Colors

RGB(250, 47, 144)

Have a look what the booklet for
RGB(250, 47, 144) contains.

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Color

RGB(250, 47, 144)

Conversions

Conversions Part 1

Format	Color
Hex	FA2F90
RGB	250, 47, 144
RGB Percent	98%, 18%, 56%
CMY	0.0196, 0.8157, 0.4353
CMYK	0.00, 0.81, 0.42, 0.02
HSL	331°, 95%, 58%
HSV	331°, 81%, 98%
XYZ	45.4749, 24.3706, 28.6928
YIQ	118.7550, 89.8510, 73.2030

Conversions

Conversions Part 2

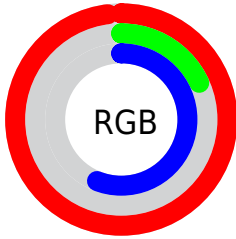
Format	Color
R_{YB}	250, 47, 144
Decimal	16396176
CIE _{Lab}	56.46, 78.75, -3.30
CIE _{LCh}	56, 78.818, 357.602
Yxy	24.3706, 0.4615, 0.2473
Android (android.graphics.Color)	4294586256 (0xFFFA2F90)
YUV	118.7550, 12.4458, 115.1019
Hunter-Lab	49.3666, 78.0367, 0.0962

Details

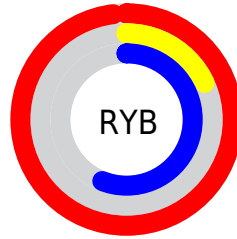
The RGB color **250, 47, 144** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **47, 250, 153**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 116, 198**, and **188, 0, 94** is the 20% darker color. If you saturate the color by 10%, you get **250, 22, 131**, and if you desaturate by 10%, it is **250, 72, 157**.

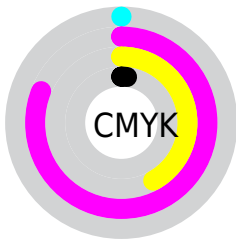
Distribution



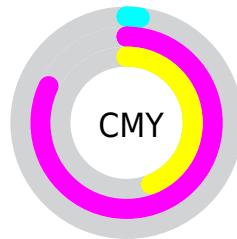
- Red (98%)
- Green (18%)
- Blue (56%)



- Red (98%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (81%)
- Yellow (42%)
- Black (2%)


















- Cyan (2%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 47, 144 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 250, 47, 144 by changing the saturation by 10% instead.

 250, 47, 144	 250, 47, 144
255, 255, 255	 219, 0, 118
 255, 116, 198	 188, 0, 94
 255, 146, 226	 157, 0, 70
 255, 176, 254	 126, 0, 48
 255, 206, 255	 96, 0, 28
 255, 236, 255	 68, 0, 3
	 34, 0, 1
	 0, 0, 0

 250, 47, 144	 250, 47, 144
--	--

■ 250, 22, 131

■ 250, 72, 157

■ 250, 0, 119

■ 250, 97, 170

■ 250, 122, 183

■ 250, 147, 196

■ 250, 172, 209

■ 250, 197, 222

■ 250, 222, 235

■ 250, 247, 248

■ 250, 255, 255

Harmonies

Analogous

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



211, 81, 210



250, 47, 144



250, 63, 77

Triad

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



250, 47, 144



101, 150, 0



0, 160, 251

Complementary

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



250, 47, 144



47, 250, 153

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, 165, 198



250, 47, 144



0, 160, 55

Square

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



250, 47, 144



168, 131, 0



0, 164, 128



0, 146, 255

Rectangle

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



250, 47, 144



232, 89, 31



0, 164, 128



0, 162, 236

Sweetspot

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



250, 47, 144



255, 194, 223



152, 47, 250



128, 91, 108



0, 0, 0



128, 128, 128

Same Dimension

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



250, 47, 144



255, 8, 126



250, 50, 47



125, 112, 118



189, 0, 90



61, 0, 29

Inverse Universe

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



250, 47, 144



255, 8, 126



47, 247, 250



125, 112, 118



189, 0, 90



61, 0, 29

Previews

White Background



This preview shows how the RGB color 250, 47, 144 looks on a white background.

Color Contrast Check

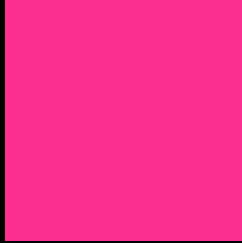
Large Text (above 18pt) WCAG AA ✓ Pass

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 250, 47, 144 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 250, 47, 144 Background



This preview shows how black text looks on a background with the RGB color 250, 47, 144.



This preview shows how white text looks on a background with the RGB color 250, 47, 144.

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, 47, 144

Protanopia
115, 134, 197

Deuteranopia
149, 131, 134



Tritanopia
246, 70, 73

Trichromacy



Original Color

250, 47, 144



Protanomaly

164, 102, 178



Deuteranomaly

186, 100, 138



Tritanomaly

247, 62, 99

Monochromacy



Original Color

250, 47, 144



Achromatopsia

119, 119, 119



Achromatomaly

167, 93, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 47, 144 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(250, 47, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 47, 144) }
```

Border

The CSS property to change the border of an element to RGB 250, 47, 144 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, 144) }
```

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

```
.border{ border-color:rgb(250, 47, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 47, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 47, 144);  
box-shadow:4px 4px 4px 4px rgb(250, 47,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 250, 47, 144 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, 144) }
```

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

```
.background{ background-color: rgb(250, 47,  
144) }
```

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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