

Converting Colors

RGB(250, 0, 118)

Have a look what the booklet for
RGB(250, 0, 118) contains.

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Color

RGB(250, 0, 118)

Conversions

Conversions Part 1

Format	Color
Hex	FA0076
RGB	250, 0, 118
RGB Percent	98%, 0%, 46%
CMY	0.0196, 1.0000, 0.5373
CMYK	0.00, 1.00, 0.53, 0.02
HSL	332°, 100%, 49%
HSV	332°, 100%, 98%
XYZ	42.6944, 21.6320, 19.0647
YIQ	88.2020, 111.1220, 89.6980

Conversions

Conversions Part 2

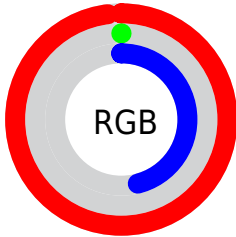
Format	Color
R_{YB}	250, 0, 118
Decimal	16384118
CIE _{Lab}	53.63, 82.78, 8.17
CIE _{LCh}	54, 83.179, 5.637
Yxy	21.6320, 0.5120, 0.2594
Android (android.graphics.Color)	4294574198 (0xFFFA0076)
YUV	88.2020, 14.6904, 141.8968
Hunter-Lab	46.5102, 82.4624, 8.2540

Details

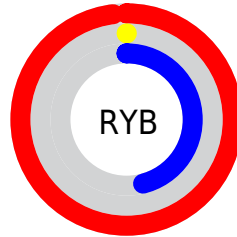
The RGB color **250, 0, 118** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **0, 250, 132**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **255, 98, 170**, and **186, 0, 70** is the 20% darker color. If you saturate the color by 10%, you get **250, 0, 118**, and if you desaturate by 10%, it is **250, 25, 131**.

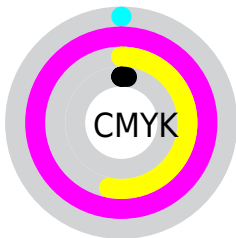
Distribution



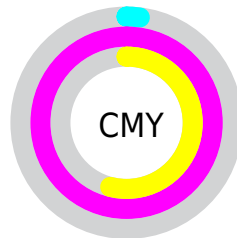
- Red (98%)
- Green (0%)
- Blue (46%)



- Red (98%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 0, 118 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, 0, 118 by changing the saturation by 10% instead.



250, 0, 118



250, 0, 118

255, 255, 255



218, 0, 94



255, 98, 170



186, 0, 70



255, 130, 197



155, 0, 48



255, 161, 225



123, 0, 28



255, 191, 253



93, 0, 4



255, 222, 255



61, 0, 3



255, 253, 255




25, 0, 1





0, 0, 0





250, 0, 118


 250, 25, 131


 250, 50, 144

 250, 75, 158

 250, 100, 171

 250, 125, 184

 250, 150, 197

 250, 175, 210

 250, 200, 224

 250, 225, 237

Harmonies

Analogous

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



222, 53, 189



250, 0, 118



240, 57, 48

Triad

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



250, 0, 118



64, 146, 0



0, 151, 255

Complementary

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



250, 0, 118



0, 250, 132

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, 158, 211



250, 0, 118



0, 155, 64

Square

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



250, 0, 118



144, 130, 0



0, 158, 140



0, 134, 255

Rectangle

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



250, 0, 118



216, 88, 0



0, 158, 140



0, 154, 247

Sweetspot

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



250, 0, 118



255, 179, 215



129, 0, 250



128, 82, 103



0, 0, 0



128, 128, 128

Same Dimension

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



250, 0, 118



255, 0, 120



250, 4, 0



125, 112, 118



189, 0, 89



61, 0, 29

Inverse Universe

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



250, 0, 118



255, 0, 120



0, 246, 250



125, 112, 118



189, 0, 89



61, 0, 29

Previews

White Background



This preview shows how the RGB color 250, 0, 118 looks on a white background.

Color Contrast Check

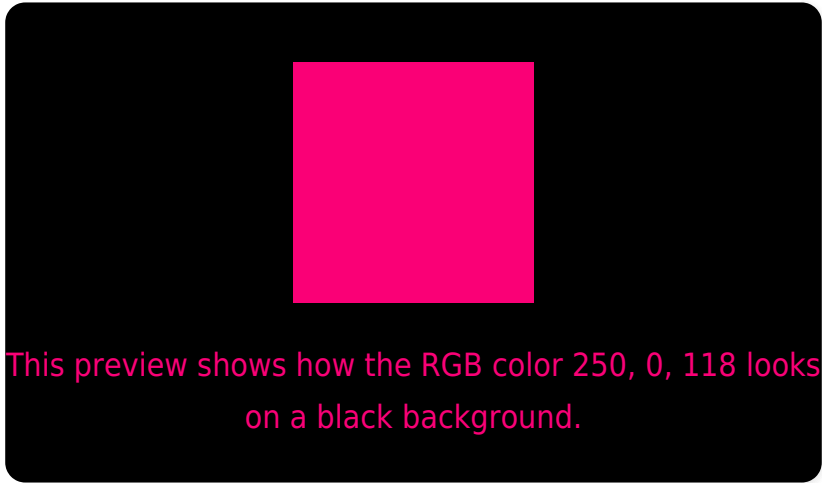
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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, 0, 118 Background



This preview shows how black text looks on a background with the RGB color 250, 0, 118.



This preview shows how white text looks on a background with the RGB color 250, 0, 118.

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
247, 47, 46

Trichromacy



Original Color
250, 0, 118



Protanomaly
166, 81, 152



Deuteranomaly
186, 80, 112



Tritanomaly
248, 30, 72

Monochromacy



Original Color
250, 0, 118



Achromatopsia
88, 88, 88



Achromatomaly
147, 56, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 0, 118 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, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 118)  
}
```

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, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 118) }
```

Border

The CSS property to change the border of an element to RGB 250, 0, 118 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, 0, 118) }
```

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

```
.border{ border-color:rgb(250, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 250, 0, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 118) }
```

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

```
.background{ background-color: rgb(250, 0,  
118) }
```

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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