

Converting Colors

RGB(250, 12, 145)

Have a look what the booklet for
RGB(250, 12, 145) contains.

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Color

RGB(250, 12, 145)

Conversions

Conversions Part 1

Format	Color
Hex	FA0C91
RGB	250, 12, 145
RGB Percent	98%, 5%, 57%
CMY	0.0196, 0.9529, 0.4314
CMYK	0.00, 0.95, 0.42, 0.02
HSL	326°, 96%, 51%
HSV	326°, 95%, 98%
XYZ	44.6666, 22.6313, 28.8021
YIQ	98.3240, 99.1550, 91.8190

Conversions

Conversions Part 2

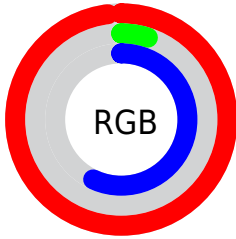
Format	Color
R _Y B	250, 12, 145
Decimal	16387217
CIE Lab	54.69, 84.03, -6.51
CIE LCh	55, 84.284, 355.573
Yxy	22.6313, 0.4648, 0.2355
Android (android.graphics.Color)	4294577297 (0xFFFA0C91)
YUV	98.3240, 23.0113, 133.0199
Hunter-Lab	47.5723, 84.3457, -2.5958

Details

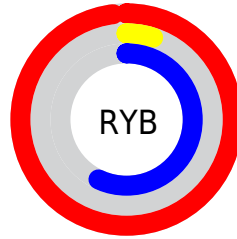
The RGB color **250, 12, 145** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **12, 250, 117**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **255, 102, 199**, and **187, 0, 95** is the 20% darker color. If you saturate the color by 10%, you get **250, 0, 140**, and if you desaturate by 10%, it is **250, 37, 156**.

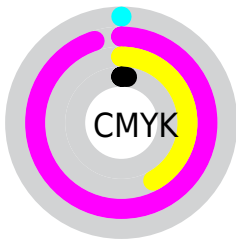
Distribution



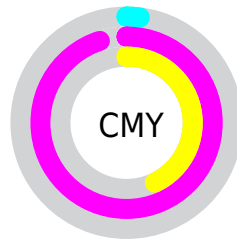
- Red (98%)
- Green (5%)
- Blue (57%)



- Red (98%)
- Yellow (5%)
- Blue (57%)



- Cyan (0%)
- Magenta (95%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (95%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RGB color 250, 12, 145 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, 12, 145 by changing the saturation by 10% instead.

 250, 12, 145

 250, 12, 145

255, 255, 255

 218, 0, 119

 255, 102, 199

 187, 0, 95

 255, 133, 227

 156, 0, 71

 255, 164, 255

 125, 0, 49

 255, 195, 255


 95, 0, 28

 255, 225, 255

 66, 0, 3

 32, 0, 1

 0, 0, 0

 250, 12, 145

 250, 12, 145

■ 250, 0, 140

■ 250, 37, 156

■ 250, 62, 167

■ 250, 87, 178

■ 250, 112, 189

■ 250, 137, 200

■ 250, 162, 211

■ 250, 187, 222

■ 250, 212, 233

■ 250, 237, 244

Harmonies

Analogous

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



205, 73, 215



250, 12, 145



252, 40, 73

Triad

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



250, 12, 145



98, 145, 0



0, 157, 252

Complementary

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



250, 12, 145



12, 250, 117

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, 161, 192



250, 12, 145



0, 156, 37

Square

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



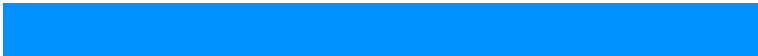
250, 12, 145



168, 124, 0



0, 161, 117



0, 144, 255

Rectangle

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



250, 12, 145



234, 76, 22



0, 161, 117



0, 160, 235

Sweetspot

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



250, 12, 145



255, 181, 222



115, 12, 250



128, 83, 108



0, 0, 0



128, 128, 128

Same Dimension

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



250, 12, 145



255, 0, 142



250, 12, 28



125, 112, 119



189, 0, 105



61, 0, 34

Inverse Universe

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



250, 12, 145



255, 0, 142



12, 250, 234



125, 112, 119



189, 0, 105



61, 0, 34

Previews

White Background



This preview shows how the RGB color 250, 12, 145 looks on a white background.

Color Contrast Check

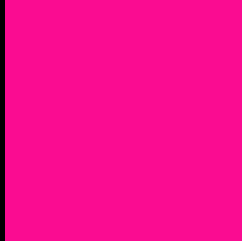
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12, 145 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, 12, 145 Background



This preview shows how black text looks on a background with the RGB color 250, 12, 145.



This preview shows how white text looks on a background with the RGB color 250, 12, 145.

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
245, 58, 60

Trichromacy



Original Color

250, 12, 145



Protanomaly

156, 86, 185



Deuteranomaly

182, 86, 138



Tritanomaly

247, 41, 91

Monochromacy



Original Color

250, 12, 145



Achromatopsia

98, 98, 98



Achromatomaly

153, 67, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 12, 145 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, 12, 145)` looks like.

```
.text, #text, p{  
    color:rgb(250, 12, 145)  
}
```

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, 12, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 12, 145) }
```

Border

The CSS property to change the border of an element to RGB 250, 12, 145 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, 12, 145) }
```

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

```
.border{ border-color:rgb(250, 12, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 12, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 12, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 12, 145);  
box-shadow:4px 4px 4px 4px rgb(250, 12,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 250, 12, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 12, 145) }
```

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

```
.background{ background-color: rgb(250, 12,  
145) }
```

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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