

Converting Colors

RGB(255, 0, 183)

Have a look what the booklet for
RGB(255, 0, 183) contains.

RGB(255, 0, 183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

RGB(255, 0, 183)

Conversions

Conversions Part 1

Format	Color
Hex	FF00B7
RGB	255, 0, 183
RGB Percent	100%, 0%, 72%
CMY	0.0000, 1.0000, 0.2824
CMYK	0.00, 1.00, 0.28, 0.00
HSL	317°, 100%, 50%
HSV	317°, 100%, 100%
XYZ	49.7872, 24.6789, 46.9392
YIQ	97.1070, 93.2370, 110.9730

Conversions

Conversions Part 2

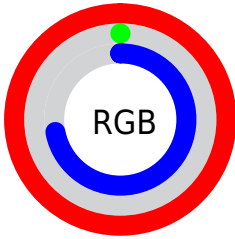
Format	Color
R_{YB}	255, 0, 183
Decimal	16711863
CIE _{Lab}	56.76, 89.43, -25.63
CIE _{LCh}	57, 93.030, 344.005
Yxy	24.6789, 0.4101, 0.2033
Android (android.graphics.Color)	4294901943 (0xFFFF00B7)
YUV	97.1070, 42.3452, 138.4722
Hunter-Lab	49.6779, 91.9568, -21.2469

Details

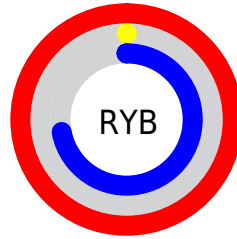
The RGB color **255, 0, 183** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **0, 255, 72**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **255, 102, 239**, and **193, 0, 130** is the 20% darker color. If you saturate the color by 10%, you get **255, 0, 183**, and if you desaturate by 10%, it is **255, 25, 190**.

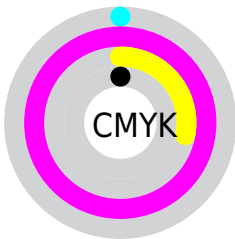
Distribution



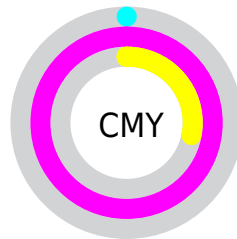
- Red (100%)
- Green (0%)
- Blue (72%)



- Red (100%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 0, 183 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 255, 0, 183 by changing the saturation by 10% instead.

 255, 0, 183

 255, 0, 183

255, 255, 255

 224, 0, 156

 255, 102, 239

 193, 0, 130

 255, 134, 255

 162, 0, 104

 255, 166, 255

 132, 0, 80

 255, 196, 255

 102, 0, 57


 255, 227, 255

 73, 0, 35


 43, 0, 8


 0, 0, 0

 255, 0, 183

 255, 25, 190

 255, 51, 197

 255, 77, 205

 255, 102, 212

 255, 128, 219

 255, 153, 226

 255, 179, 233

 255, 204, 241

 255, 230, 248

Harmonies

Analogous

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



183, 91, 255



255, 0, 183



255, 0, 103

Triad

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



255, 0, 183



131, 145, 0



0, 168, 249

Complementary

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



255, 0, 183



0, 255, 72

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, 169, 173



255, 0, 183



0, 160, 0

Square

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



255, 0, 183



200, 116, 0



0, 167, 88



0, 158, 255

Rectangle

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



255, 0, 183



255, 44, 50



0, 167, 88



0, 169, 226

Sweetspot

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



255, 0, 183



255, 179, 233



68, 0, 255



128, 82, 115



0, 0, 0



128, 128, 128

Same Dimension

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



255, 0, 183



255, 0, 60



128, 115, 124



191, 0, 137



64, 0, 46

Inverse Universe

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



255, 0, 183



0, 255, 195



128, 115, 124



191, 0, 137



64, 0, 46

Previews

White Background



This preview shows how the RGB color 255, 0, 183 looks on a white background.

Color Contrast Check

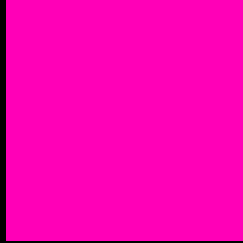
Large Text (above 18pt) WCAG AA ✓ Pass

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 255, 0, 183 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 255, 0, 183 Background



This preview shows how black text looks on a background with the RGB color 255, 0, 183.

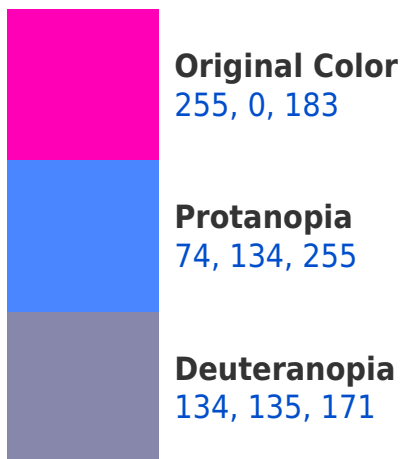


This preview shows how white text looks on a background with the RGB color 255, 0, 183.

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, 72, 76

Trichromacy



Original Color

255, 0, 183



Protanomaly

140, 85, 229



Deuteranomaly

178, 86, 175



Tritanomaly

250, 46, 115

Monochromacy



Original Color

255, 0, 183



Achromatopsia

97, 97, 97



Achromatomaly

154, 62, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 0, 183 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(255, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 183)  
}
```

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(255, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 183) }
```

Border

The CSS property to change the border of an element to RGB 255, 0, 183 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(255, 0, 183) }
```

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

```
.border{ border-color:rgb(255, 0, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 255, 0, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 183) }
```

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

```
.background{ background-color: rgb(255, 0,  
183) }
```

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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