

Converting Colors

RGB(255, 105, 249)

Have a look what the booklet for
RGB(255, 105, 249) contains.

RGB(255, 105, 249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 105, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FF69F9
RGB	255, 105, 249
RGB Percent	100%, 41%, 98%
CMY	0.0000, 0.5882, 0.0235
CMYK	0.00, 0.59, 0.02, 0.00
HSL	302°, 100%, 71%
HSV	302°, 59%, 100%
XYZ	63.3905, 38.2027, 93.6553
YIQ	166.2660, 43.1760, 76.5840

Conversions

Conversions Part 2

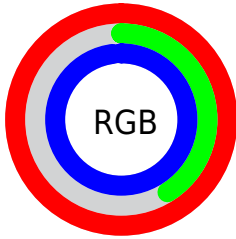
Format	Color
RYB	255, 105, 249
Decimal	16738809
CIELab	68.17, 74.05, -45.08
CIElCh	68, 86.694, 328.665
Yxy	38.2027, 0.3247, 0.1957
Android (android.graphics.Color)	4294928889 (0xFFFF69F9)
YUV	166.2660, 40.7879, 77.8197
Hunter-Lab	61.8083, 74.9045, -46.5736

Details

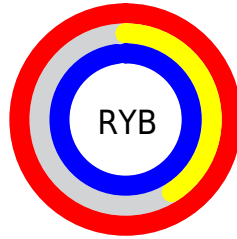
The RGB color **255, 105, 249** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **105, 255, 111**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 163, 255**, and **195, 40, 192** is the 20% darker color. If you saturate the color by 10%, you get **255, 80, 248**, and if you desaturate by 10%, it is **255, 131, 250**.

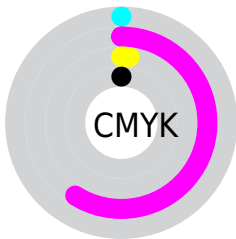
Distribution



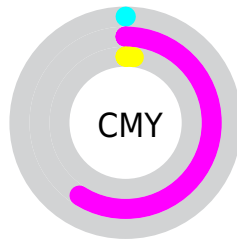
- Red (100%)
- Green (41%)
- Blue (98%)



- Red (100%)
- Yellow (41%)
- Blue (98%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 105, 249 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, 105, 249 by changing the saturation by 10% instead.

 255, 105, 249

 255, 105, 249

255, 255, 255

 225, 75, 220

 255, 163, 255

 195, 40, 192

 255, 193, 255


 166, 0, 164

 255, 222, 255

 137, 0, 138

 255, 252, 255

 109, 0, 112

 81, 0, 87


 55, 0, 63

 23, 0, 40


 0, 1, 17

 255, 105, 249


 255, 105, 249

 255, 80, 248

 255, 131, 250

 255, 54, 247

 255, 156, 251

 255, 28, 246

 255, 181, 252

 255, 3, 245

 255, 207, 253

 255, 0, 245

 255, 233, 254

255, 255, 255

Harmonies

Analogous

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



151, 147, 255



255, 105, 249



255, 72, 173

Triad

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



255, 105, 249



203, 162, 0



0, 200, 240

Complementary

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



255, 105, 249



105, 255, 111

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, 200, 160



255, 105, 249



126, 183, 0

Square

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



255, 105, 249



255, 129, 8



0, 195, 78



0, 194, 255

Rectangle

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



255, 105, 249



255, 78, 121



0, 195, 78



0, 201, 214

Sweetspot

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



255, 105, 249



255, 209, 253



110, 105, 255



128, 99, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 105, 249



255, 74, 248



255, 105, 175



128, 115, 127



191, 0, 184



64, 0, 61

Inverse Universe

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



255, 105, 249



255, 74, 248



105, 255, 185



128, 115, 127



191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RGB color 255, 105, 249 looks on a white background.

Color Contrast Check

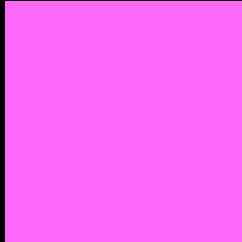
Large Text (above 18pt) WCAG AA × Fail

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, 105, 249 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 105, 249 Background



This preview shows how black text looks on a background with the RGB color 255, 105, 249.



This preview shows how white text looks on a background with the RGB color 255, 105, 249.

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
255, 105, 249

Protanopia
132, 164, 255

Deuteranopia
138, 165, 239



Tritanopia
243, 134, 143

Trichromacy



Original Color

255, 105, 249



Protanomaly

177, 143, 253



Deuteranomaly

181, 143, 243



Tritanomaly

247, 123, 182

Monochromacy



Original Color

255, 105, 249



Achromatopsia

166, 166, 166



Achromatomaly

198, 144, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 105, 249 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, 105, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 249)  
}
```

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, 105, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 249) }
```

Border

The CSS property to change the border of an element to RGB 255, 105, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

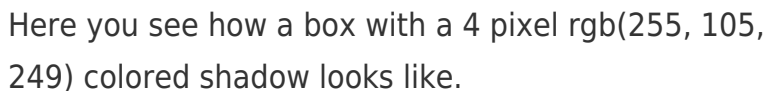
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 105, 249) }
```

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

```
.border{ border-color:rgb(255, 105, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 105, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 255, 105, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 249) }
```

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

```
.background{ background-color: rgb(255,  
105, 249) }
```

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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