

Converting Colors

RGB(255, 110, 237)

Have a look what the booklet for
RGB(255, 110, 237) contains.

RGB(255, 110, 237)	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, 110, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FF6EED
RGB	255, 110, 237
RGB Percent	100%, 43%, 93%
CMY	0.0000, 0.5686, 0.0706
CMYK	0.00, 0.57, 0.07, 0.00
HSL	307°, 100%, 72%
HSV	307°, 57%, 100%
XYZ	62.1020, 38.5263, 84.2839
YIQ	167.8330, 45.6530, 70.2370

Conversions

Conversions Part 2

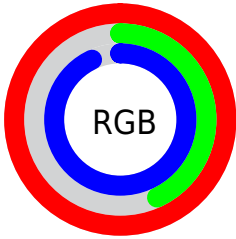
Format	Color
R _Y B	255, 110, 237
Decimal	16740077
CIE Lab	68.41, 70.05, -38.11
CIE LCh	68, 79.742, 331.453
Yxy	38.5263, 0.3358, 0.2083
Android (android.graphics.Color)	4294930157 (0xFFFF6EED)
YUV	167.8330, 34.0993, 76.4455
Hunter-Lab	62.0695, 69.9716, -37.0609

Details

The RGB color **255, 110, 237** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **110, 255, 128**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 168, 255**, and **195, 49, 181** is the 20% darker color. If you saturate the color by 10%, you get **255, 85, 234**, and if you desaturate by 10%, it is **255, 136, 240**.

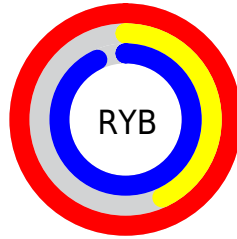
Distribution



Red (100%)

Green (43%)

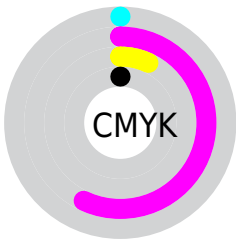
Blue (93%)



Red (100%)

Yellow (43%)

Blue (93%)

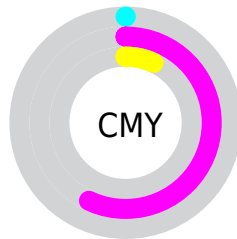


Cyan (0%)

Magenta (57%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 110, 237 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, 110, 237 by changing the saturation by 10% instead.

 255, 110, 237

255, 255, 255

 255, 168, 255

 255, 197, 255

 255, 226, 255

 255, 110, 237


 225, 81, 209

 195, 49, 181

 166, 0, 154

 137, 0, 127

 109, 0, 102

 81, 0, 77

 56, 0, 54

 24, 0, 31

 0, 0, 2

■ 255, 110, 237

■ 255, 110, 237

■ 255, 85, 234

■ 255, 136, 240

■ 255, 59, 231

■ 255, 161, 243

■ 255, 33, 228

■ 255, 187, 246

■ 255, 8, 224

■ 255, 212, 250

■ 255, 0, 223

■ 255, 238, 253

255, 255, 255

Harmonies

Analogous

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



167, 146, 255



255, 110, 237



255, 88, 166

Triad

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



255, 110, 237



197, 165, 0



0, 199, 240

Complementary

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



255, 110, 237



110, 255, 128

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, 199, 168



255, 110, 237



124, 184, 8

Square

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



255, 110, 237



253, 136, 27



0, 195, 93



0, 192, 255

Rectangle

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



255, 110, 237



255, 94, 119



0, 195, 93



0, 199, 218

Sweetspot

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



255, 110, 237



255, 212, 250



127, 110, 255



128, 102, 124



0, 0, 0



128, 128, 128

Same Dimension

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



255, 110, 237



255, 82, 233



255, 110, 166



128, 115, 126



191, 0, 168



64, 0, 56

Inverse Universe

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



255, 110, 237



255, 82, 233



110, 255, 199



128, 115, 126



191, 0, 168



64, 0, 56

Previews

White Background



This preview shows how the RGB color 255, 110, 237 looks on a white background.

Color Contrast Check

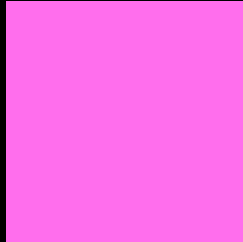
Large Text (above 18pt) WCAG AA × Fail

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, 110, 237 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, 110, 237 Background



This preview shows how black text looks on a background with the RGB color 255, 110, 237.



This preview shows how white text looks on a background with the RGB color 255, 110, 237.

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, 110, 237

Protanopia
134, 164, 255

Deuteranopia
149, 165, 228



Tritanopia
245, 134, 144

Trichromacy



Original Color
255, 110, 237



Protanomaly
178, 144, 248



Deuteranomaly
188, 145, 231



Tritanomaly
249, 125, 178

Monochromacy



Original Color
255, 110, 237



Achromatopsia
168, 168, 168



Achromatomaly
200, 147, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 110, 237 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, 110, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 237)  
}
```

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, 110, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 237) }
```

Border

The CSS property to change the border of an element to RGB 255, 110, 237 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, 110, 237) }
```

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

```
.border{ border-color:rgb(255, 110, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 255, 110, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 237) }
```

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

```
.background{ background-color: rgb(255,  
110, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor