

Converting Colors

RGB(255, 120, 244)

Have a look what the booklet for
RGB(255, 120, 244) contains.

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Color

RGB(255, 120, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FF78F4
RGB	255, 120, 244
RGB Percent	100%, 47%, 96%
CMY	0.0000, 0.5294, 0.0431
CMYK	0.00, 0.53, 0.04, 0.00
HSL	305°, 100%, 74%
HSV	305°, 53%, 100%
XYZ	64.2856, 41.2246, 90.1569
YIQ	174.5010, 40.6560, 67.1840

Conversions

Conversions Part 2

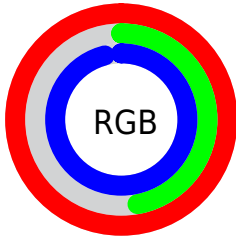
Format	Color
R_{YB}	255, 120, 244
Decimal	16742644
CIE _{Lab}	70.33, 66.77, -38.96
CIE _{LCh}	70, 77.304, 329.740
Yxy	41.2246, 0.3285, 0.2107
Android (android.graphics.Color)	4294932724 (0xFFFF78F4)
YUV	174.5010, 34.2630, 70.5976
Hunter-Lab	64.2064, 66.3591, -38.3089

Details

The RGB color **255, 120, 244** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **120, 255, 131**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 177, 255**, and **196, 62, 187** is the 20% darker color. If you saturate the color by 10%, you get **255, 95, 242**, and if you desaturate by 10%, it is **255, 146, 246**.

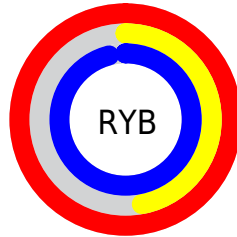
Distribution



Red (100%)

Green (47%)

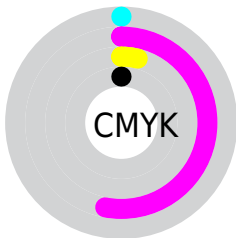
Blue (96%)



Red (100%)

Yellow (47%)

Blue (96%)

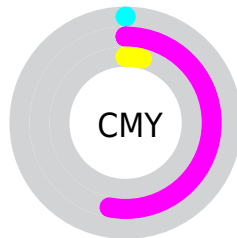


Cyan (0%)

Magenta (53%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 120, 244 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, 120, 244 by changing the saturation by 10% instead.

 255, 120, 244

 255, 120, 244

255, 255, 255

 225, 91, 215

 255, 177, 255

 196, 62, 187

 255, 206, 255

 167, 26, 160

 255, 236, 255

 138, 0, 134

 110, 0, 108

 83, 0, 83

 58, 0, 60

 28, 0, 37


 0, 0, 12

 255, 120, 244

 255, 120, 244

 255, 95, 242

 255, 146, 246

 255, 69, 240

 255, 171, 248

 255, 44, 238

 255, 196, 250

 255, 18, 236

 255, 222, 252

 255, 0, 234

 255, 248, 254

255, 255, 255

Harmonies

Analogous

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



167, 153, 255



255, 120, 244



255, 98, 176

Triad

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



255, 120, 244



206, 169, 0



0, 204, 240

Complementary

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



255, 120, 244



120, 255, 131

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, 204, 169



255, 120, 244



136, 188, 26

Square

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



255, 120, 244



255, 141, 44



0, 199, 97



0, 197, 255

Rectangle

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



255, 120, 244



255, 103, 129



0, 199, 97



0, 204, 218

Sweetspot

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



255, 120, 244



255, 214, 252



129, 120, 255



128, 103, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 120, 244



255, 92, 242



255, 120, 179



128, 115, 126



191, 0, 176



64, 0, 59

Inverse Universe

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



255, 120, 244



255, 92, 242



120, 255, 196



128, 115, 126



191, 0, 176



64, 0, 59

Previews

White Background



This preview shows how the RGB color 255, 120, 244 looks on a white background.

Color Contrast Check

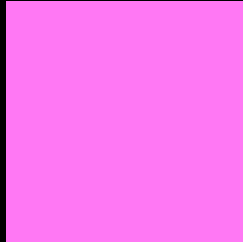
Large Text (above 18pt) WCAG AA × Fail

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, 120, 244 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, 120, 244 Background



This preview shows how black text looks on a background with the RGB color 255, 120, 244.



This preview shows how white text looks on a background with the RGB color 255, 120, 244.

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, 120, 244

Protanopia
142, 170, 255

Deuteranopia
153, 170, 235



Tritanopia
244, 142, 153

Trichromacy



Original Color

255, 120, 244



Protanomaly

183, 152, 251



Deuteranomaly

190, 152, 238



Tritanomaly

248, 134, 186

Monochromacy



Original Color

255, 120, 244



Achromatopsia

175, 175, 175



Achromatomaly

204, 155, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 120, 244 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, 120, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 244)  
}
```

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, 120, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 244) }
```

Border

The CSS property to change the border of an element to RGB 255, 120, 244 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, 120, 244) }
```

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

```
.border{ border-color:rgb(255, 120, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 120, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 255, 120, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 244) }
```

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

```
.background{ background-color: rgb(255,  
120, 244) }
```

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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