Converting Colors

RGB(252, 111, 246)

Have a look what the booklet for RGB(252, 111, 246) contains.

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Color

RGB(252, 111, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FC6FF6
RGB	252, 111, 246
RGB Percent	99%, 44%, 96%
CMY	0.0118, 0.5647, 0.0353
CMYK	0.00, 0.56, 0.02, 0.01
HSL	303°, 96%, 71%
HSV	303°, 56%, 99%
XYZ	62.4639, 38.7181, 91.3699
YIQ	168.5490, 40.7010, 71.8770

Conversions

Conversions Part 2

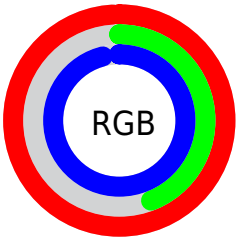
Format	Color
RYB	252, 111, 246
Decimal	16543734
CIELab	68.55, 70.29, -42.87
CIELCh	69, 82.330, 328.617
Yxy	38.7181, 0.3244, 0.2011
Android (android.graphics.Color)	4294733814 (0xFFFC6FF6)
YUV	168.5490, 38.1833, 73.1865
Hunter-Lab	62.2239, 70.2966, -43.5050

Details

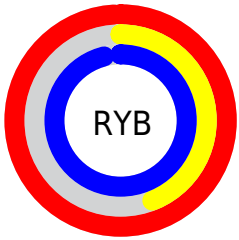
The RGB color 252, 111, 246 is a light color, and the websafe version is hex FF66FF. A complement of this color would be 111, 252, 117, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 255, 169, 255, and 192, 50, 189 is the 20% darker color. If you saturate the color by 10%, you get 252, 86, 245, and if you desaturate by 10%, it is 252, 136, 247.

Distribution

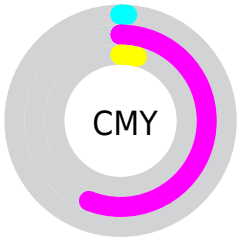


- Red (99%)
- Green (44%)
- Blue (96%)



- Red (99%)
- Yellow (44%)
- Blue (96%)

- Cyan (0%)
- Magenta (56%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (56%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 252, 111, 246 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 252, 111, 246 by changing the saturation by 10% instead.

252, 111, 246

255, 255, 255

255, 169, 255

255, 198, 255

255, 227, 255

252, 111, 246

222, 82, 217

192, 50, 189

163, 0, 162

135, 0, 135

107, 0, 109

79, 0, 84

54, 0, 61

21, 0, 38

0, 1, 14

252, 111, 246

252, 86, 245

252, 61, 244

252, 35, 243

252, 10, 242

252, 0, 241

252, 111, 246

252, 136, 247

252, 161, 248

252, 187, 249

252, 212, 250

252, 237, 251

252, 255, 252

252, 255, 254

252, 255, 255

252, 255, 255

Harmonies

Analogous

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

154, 149, 255

252, 111, 246

255, 84, 174

Triad

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

252, 111, 246

203, 163, 0

0, 200, 237

Complementary

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

252, 111, 246

111, 252, 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, 200, 161

252, 111, 246

130, 183, 0

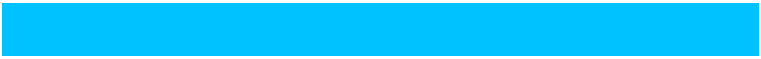
Square

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

252, 111, 246

255, 132, 28

0, 195, 84



0, 194, 255

Rectangle

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

252, 111, 246

255, 88, 124

0, 195, 84

0, 201, 213

Sweetspot

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

252, 111, 246

255, 212, 253

116, 111, 252

128, 102, 126

0, 0, 0

128, 128, 128

Same Dimension

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

252, 111, 246

255, 84, 248

252, 111, 177

125, 112, 124

189, 0, 181

61, 0, 59

Inverse Universe

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

252, 111, 246

255, 84, 248

111, 252, 186

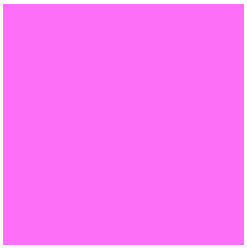
125, 112, 124

189, 0, 181

61, 0, 59

Previews

White Background

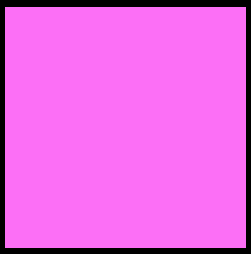


This preview shows how the RGB color 252, 111, 246 looks on a white background.

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



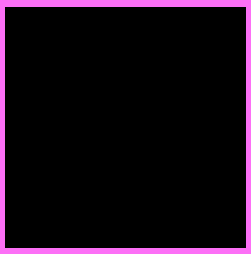
This preview shows how the RGB color 252, 111, 246 looks on a black background.

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 252, 111, 246 Background



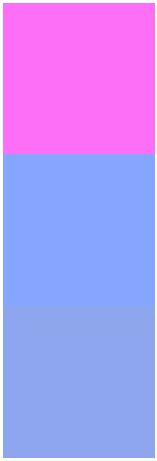
This preview shows how black text looks on a background with the RGB color 252, 111, 246.

This preview shows how white text looks on a background with the RGB color 252, 111, 246.

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



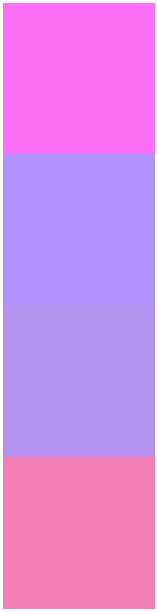
Original Color
252, 111, 246

Protanopia
134, 165, 255

Deuteranopia
142, 166, 237

Tritanopia
240, 137, 147

Trichromacy



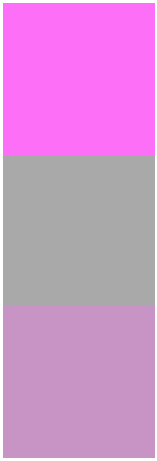
Original Color
252, 111, 246

Protanomaly
177, 145, 252

Deuteranomaly
182, 146, 240

Tritanomaly
244, 128, 183

Monochromacy



Original Color
252, 111, 246

Achromatopsia
169, 169, 169

Achromatomaly
199, 148, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 111, 246 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(252, 111, 246) looks like.

```
.text, #text, p{
    color:rgb(252, 111, 246)
}
```

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(252, 111, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 111, 246) }
```

Border

The CSS property to change the border of an element to RGB 252, 111, 246 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(252, 111, 246) }
```

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

```
.border{ border-color:rgb(252, 111, 246) }
```

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

Here you see how a box with a 4 pixel rgb(252, 111, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 111, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 111, 246); box-shadow:4px 4px 4px 4px rgb(252, 111, 246) }
```

Background

The CSS property to change the background color of an element to RGB 252, 111, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(252, 111, 246) }
```

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

```
.background{ background-color:rgb(252,
111, 246) }
```

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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