

Converting Colors

`RYB(254, 126, 243)`

Have a look what the booklet for
RYB(254, 126, 243) contains.

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Color

`RYB(254, 126, 243)`

Conversions

Conversions Part 1

Format	Color
Hex	FE7EF3
RGB	254, 126, 243
RGB Percent	100%, 49%, 95%
CMY	0.0039, 0.5059, 0.0471
CMYK	0.00, 0.50, 0.04, 0.00
HSL	305°, 98%, 75%
HSV	305°, 50%, 100%
XYZ	64.5116, 42.4636, 89.5902
YIQ	177.6100, 38.7310, 63.5230

Conversions

Conversions Part 2

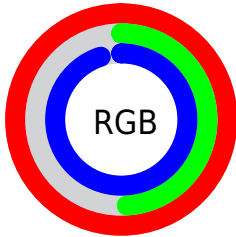
Format	Color
RYB	254, 126, 243
Decimal	16678643
CIELab	71.19, 63.59, -37.09
CIElCh	71, 73.617, 329.751
Yxy	42.4636, 0.3282, 0.2160
Android (android.graphics.Color)	4294868723 (0xFFFE7EF3)
YUV	177.6100, 32.2373, 66.9940
Hunter-Lab	65.1641, 62.6754, -35.8994

Details

The RYB color **254, 126, 243** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **126, 244, 254**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 183, 255**, and **195, 69, 186** is the 20% darker color. If you saturate the color by 10%, you get **254, 101, 241**, and if you desaturate by 10%, it is **254, 151, 245**.

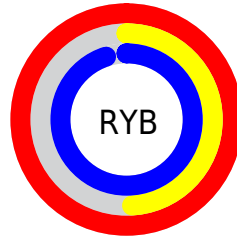
Distribution



Red (100%)

Green (49%)

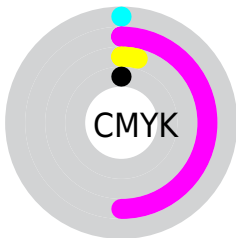
Blue (95%)



Red (100%)

Yellow (49%)

Blue (95%)

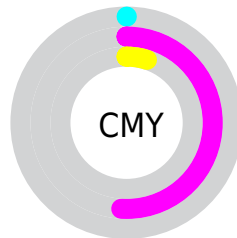


Cyan (0%)

Magenta (50%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 126, 243 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 RYB color 254, 126, 243 by changing the saturation by 10% instead.

 254, 126, 243

255, 255, 255

 255, 183, 255


 255, 212, 255

 255, 241, 255

 254, 126, 243

 224, 98, 214

 195, 69, 186

 166, 38, 159

 138, 0, 133


 110, 0, 107

 83, 0, 82


 58, 0, 59

 29, 0, 36


 0, 0, 11

 254, 126, 243

 254, 126, 243

 254, 101, 241

 254, 151, 245

 254, 75, 239

 254, 177, 247

 254, 50, 236

 254, 202, 250

 254, 24, 234

 254, 228, 252

 254, 0, 232

 254, 253, 254

254, 255, 255

Harmonies

Analogous

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



171, 157, 255



254, 126, 243



255, 107, 178

Triad

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



254, 126, 243



48, 208, 3



0, 110, 239

Complementary

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



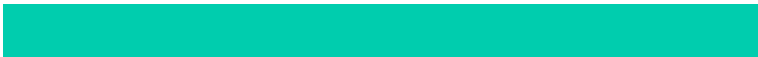
254, 126, 243



126, 244, 254

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, 111, 205



254, 126, 243



42, 190, 91

Square

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



254, 126, 243



255, 220, 54



0, 132, 200



0, 111, 255

Rectangle

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



254, 126, 243



255, 111, 133



0, 132, 200



0, 106, 218

Sweetspot

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



254, 126, 243



255, 217, 252



137, 126, 254



128, 105, 126



0, 0, 0



128, 128, 128

Same Dimension

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



254, 126, 243



255, 102, 242



254, 126, 179



128, 115, 126



191, 0, 175



64, 0, 58

Inverse Universe

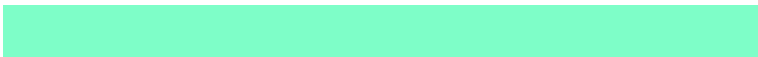
The Inverse Universe completely reimagines the original color for something new.



254, 126, 243



255, 102, 242



126, 207, 254



128, 115, 126



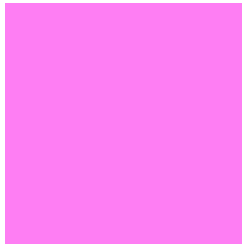
191, 0, 175



64, 0, 58

Previews

White Background



This preview shows how the RYB color 254, 126, 243 looks on a white background.

Color Contrast Check

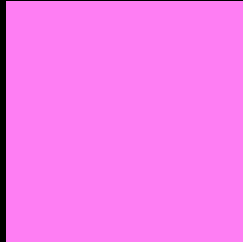
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 254, 126, 243 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](#).

RYB 254, 126, 243 Background



This preview shows how black text looks on a background with the RYB color 254, 126, 243.

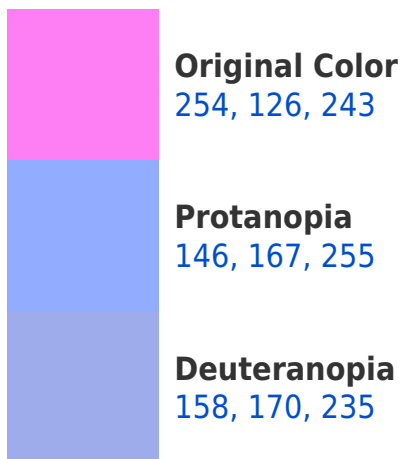


This preview shows how white text looks on a background with the RYB color 254, 126, 243.

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
244, 146, 157

Trichromacy



Original Color

254, 126, 243



Protanomaly

185, 155, 251



Deuteranomaly

193, 155, 238



Tritanomaly

248, 139, 188

Monochromacy



Original Color

254, 126, 243



Achromatopsia

178, 178, 178



Achromatomaly

206, 159, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 126, 243 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(254, 126, 243) looks like.

```
.text, #text, p{  
    color:rgb(254, 126, 243)  
}
```

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(254, 126, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 126, 243) }
```

Border

The CSS property to change the border of an element to RYB 254, 126, 243 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(254, 126, 243) }
```

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

```
.border{ border-color:rgb(254, 126, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 126, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 126, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 126, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 126,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 254, 126, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 126, 243) }
```

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

```
.background{ background-color: rgb(254,  
126, 243) }
```

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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