

Converting Colors

`RYB(255, 126, 250)`

Have a look what the booklet for
RYB(255, 126, 250) contains.

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Color

R_YB(255, 126, 250)

Conversions

Conversions Part 1

Format	Color
Hex	FF7EFA
RGB	255, 126, 250
RGB Percent	100%, 49%, 98%
CMY	0.0000, 0.5059, 0.0196
CMYK	0.00, 0.51, 0.02, 0.00
HSL	302°, 100%, 75%
HSV	302°, 51%, 100%
XYZ	65.9562, 43.0838, 95.2822
YIQ	178.7070, 37.0800, 65.9120

Conversions

Conversions Part 2

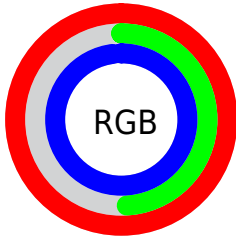
Format	Color
R_{YB}	255, 126, 250
Decimal	16744186
CIE _{Lab}	71.61, 65.03, -40.24
CIE _{LCh}	72, 76.474, 328.247
Yxy	43.0838, 0.3228, 0.2109
Android (android.graphics.Color)	4294934266 (0xFFFF7EFA)
YUV	178.7070, 35.1474, 66.9090
Hunter-Lab	65.6383, 64.4975, -40.1201

Details

The RYB color **255, 126, 250** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **126, 250, 255**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 183, 255**, and **196, 69, 193** is the 20% darker color. If you saturate the color by 10%, you get **255, 101, 249**, and if you desaturate by 10%, it is **255, 152, 251**.

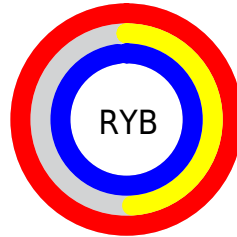
Distribution



Red (100%)

Green (49%)

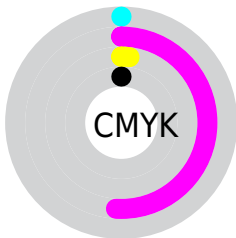
Blue (98%)



Red (100%)

Yellow (49%)

Blue (98%)

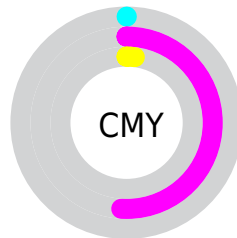


Cyan (0%)

Magenta (51%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 126, 250 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 255, 126, 250 by changing the saturation by 10% instead.

 255, 126, 250

 255, 126, 250

255, 255, 255

 225, 98, 221

 255, 183, 255


 196, 69, 193

 255, 212, 255

 167, 37, 166

 255, 241, 255

 138, 0, 139

 111, 0, 113

 83, 0, 88


 58, 0, 64

 29, 0, 41


 0, 1, 19

 255, 126, 250

 255, 126, 250

 255, 101, 249


 255, 152, 251

 255, 75, 248

 255, 177, 252

 255, 49, 247

 255, 203, 253

 255, 24, 246

 255, 228, 254

 255, 0, 245

255, 254, 255

255, 255, 255

Harmonies

Analogous

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



165, 159, 255



255, 126, 250



255, 104, 183

Triad

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



255, 126, 250



51, 212, 0



0, 111, 240

Complementary

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



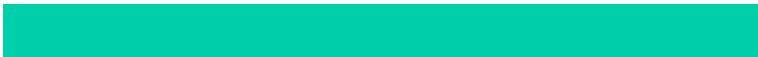
255, 126, 250



126, 250, 255

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, 114, 207



255, 126, 250



30, 191, 77

Square

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



255, 126, 250



255, 217, 52



0, 136, 202



0, 112, 255

Rectangle

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



255, 126, 250



255, 107, 136



0, 136, 202



0, 106, 217

Sweetspot

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



255, 126, 250



255, 217, 254



130, 126, 255



128, 105, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 126, 250



255, 99, 249



255, 126, 186



128, 115, 127



191, 0, 184



64, 0, 61

Inverse Universe

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



255, 126, 250



255, 99, 249



126, 210, 255



128, 115, 127



191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RYB color 255, 126, 250 looks on a white background.

Color Contrast Check

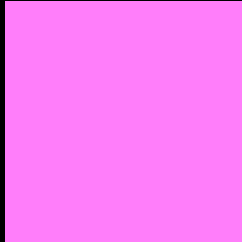
Large Text (above 18pt) WCAG AA × Fail

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 255, 126, 250 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 255, 126, 250 Background



This preview shows how black text looks on a background with the RYB color 255, 126, 250.



This preview shows how white text looks on a background with the RYB color 255, 126, 250.

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, 126, 250

Protanopia
148, 168, 255

Deuteranopia
155, 170, 242



Tritanopia
244, 148, 159

Trichromacy



Original Color
255, 126, 250



Protanomaly
187, 156, 253



Deuteranomaly
191, 156, 245



Tritanomaly
248, 140, 192

Monochromacy



Original Color
255, 126, 250



Achromatopsia
179, 179, 179



Achromatomaly
207, 160, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 126, 250 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, 126, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 250)  
}
```

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, 126, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 250) }
```

Border

The CSS property to change the border of an element to RYB 255, 126, 250 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, 126, 250) }
```

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

```
.border{ border-color:rgb(255, 126, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 255, 126, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 250) }
```

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

```
.background{ background-color: rgb(255,  
126, 250) }
```

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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