

Converting Colors

`RYB(251, 146, 251)`

Have a look what the booklet for
RYB(251, 146, 251) contains.

RYB(251, 146, 251)	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

RYB(251, 146, 251)

Conversions

Conversions Part 1

Format	Color
Hex	FB92FB
RGB	251, 146, 251
RGB Percent	98%, 57%, 98%
CMY	0.0157, 0.4275, 0.0157
CMYK	0.00, 0.42, 0.00, 0.02
HSL	300°, 93%, 78%
HSV	300°, 42%, 98%
XYZ	67.4751, 48.0320, 96.9816
YIQ	189.3650, 28.8750, 54.9150

Conversions

Conversions Part 2

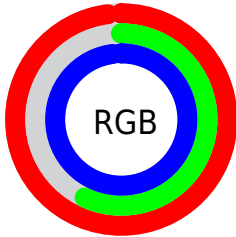
Format	Color
R _Y B	251, 146, 251
Decimal	16487163
CIE Lab	74.85, 54.46, -35.80
CIE LCh	75, 65.177, 326.682
Yxy	48.0320, 0.3175, 0.2260
Android (android.graphics.Color)	4294677243 (0xFFFB92FB)
YUV	189.3650, 30.3861, 54.0539
Hunter-Lab	69.3051, 52.5027, -34.4534

Details

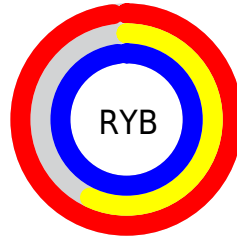
The RYB color **251, 146, 251** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **146, 251, 251**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 202, 255**, and **193, 92, 194** is the 20% darker color. If you saturate the color by 10%, you get **251, 121, 251**, and if you desaturate by 10%, it is **251, 171, 251**.

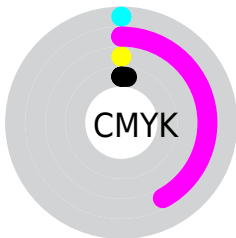
Distribution



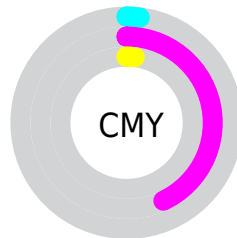
- Red (98%)
- Green (57%)
- Blue (98%)



- Red (98%)
- Yellow (57%)
- Blue (98%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 146, 251 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 251, 146, 251 by changing the saturation by 10% instead.

 251, 146, 251

 251, 146, 251

255, 255, 255

 221, 119, 222

 255, 202, 255

 193, 92, 194

 255, 231, 255

 164, 65, 167

 136, 36, 140


 109, 0, 114


 83, 0, 89


 57, 0, 65


 32, 0, 43


 0, 1, 20


 251, 146, 251


 251, 146, 251

 251, 121, 251


 251, 171, 251

 251, 96, 251


 251, 196, 251


 251, 71, 251

 251, 221, 251

 251, 46, 251

 251, 246, 251

 251, 20, 251

 251, 255, 255

 251, 0, 251

Harmonies

Analogous

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



174, 171, 255



251, 146, 251



255, 130, 193

Triad

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



251, 146, 251



113, 222, 55



0, 112, 236

Complementary

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



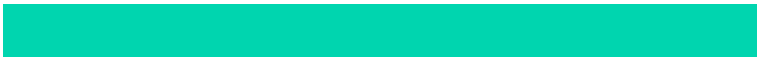
251, 146, 251



146, 251, 251

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, 117, 213



251, 146, 251



69, 197, 102

Square

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



251, 146, 251



255, 208, 84



83, 183, 208



0, 114, 255

Rectangle

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



251, 146, 251



255, 131, 153



83, 183, 208



0, 107, 217

Sweetspot

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



251, 146, 251



255, 222, 255



146, 146, 251



128, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



251, 146, 251



255, 128, 255



251, 146, 198



125, 112, 125



189, 0, 189



61, 0, 61

Inverse Universe

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



251, 146, 251



255, 128, 255



146, 216, 251



125, 112, 125



189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 251, 146, 251 looks on a white background.

Color Contrast Check

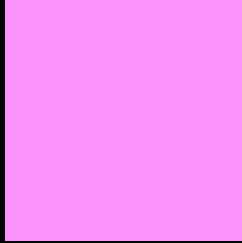
Large Text (above 18pt) WCAG AA × Fail

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 251, 146, 251 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 251, 146, 251 Background



This preview shows how black text looks on a background with the RYB color 251, 146, 251.



This preview shows how white text looks on a background with the RYB color 251, 146, 251.

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
251, 146, 251

Protanopia
162, 178, 255

Deuteranopia
170, 180, 244



Tritanopia
241, 163, 175

Trichromacy



Original Color
251, 146, 251



Protanomaly
194, 169, 254



Deuteranomaly
199, 169, 247



Tritanomaly
245, 157, 203

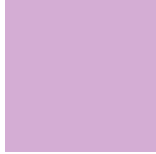
Monochromacy



Original Color
251, 146, 251



Achromatopsia
189, 189, 189



Achromatomaly
212, 173, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 146, 251 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(251, 146, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 146, 251)  
}
```

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(251, 146, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 146, 251) }
```

Border

The CSS property to change the border of an element to RYB 251, 146, 251 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(251, 146, 251) }
```

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

```
.border{ border-color:rgb(251, 146, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 146, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 146, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 146, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 146,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 251, 146, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 146, 251) }
```

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

```
.background{ background-color: rgb(251,  
146, 251) }
```

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