

Converting Colors

`RYB(241, 146, 248)`

Have a look what the booklet for
RYB(241, 146, 248) contains.

RYB(241, 146, 248)	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(241, 146, 248)`

Conversions

Conversions Part 1

Format	Color
Hex	F192F8
RGB	241, 146, 248
RGB Percent	95%, 57%, 97%
CMY	0.0549, 0.4275, 0.0275
CMYK	0.03, 0.41, 0.00, 0.03
HSL	296°, 88%, 77%
HSV	296°, 41%, 97%
XYZ	63.4978, 46.0359, 94.3460
YIQ	186.0330, 23.8780, 51.8620

Conversions

Conversions Part 2

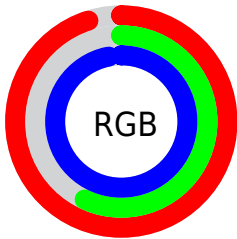
Format	Color
R _Y B	241, 146, 248
Decimal	15831800
CIE Lab	73.57, 51.02, -36.24
CIE LCh	74, 62.585, 324.614
Yxy	46.0359, 0.3114, 0.2258
Android (android.graphics.Color)	4294021880 (0xFFFF192F8)
YUV	186.0330, 30.5497, 48.2061
Hunter-Lab	67.8497, 48.3138, -34.9488

Details

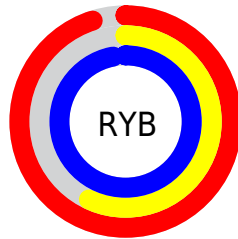
The RYB color **241, 146, 248** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **146, 248, 241**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 202, 255**, and **183, 92, 191** is the 20% darker color. If you saturate the color by 10%, you get **239, 121, 248**, and if you desaturate by 10%, it is **243, 171, 248**.

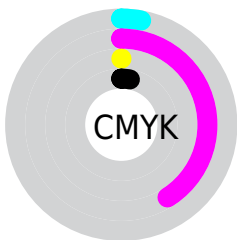
Distribution



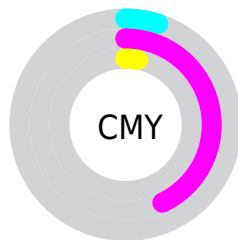
- Red (95%)
- Green (57%)
- Blue (97%)



- Red (95%)
- Yellow (57%)
- Blue (97%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (43%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 146, 248 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 241, 146, 248 by changing the saturation by 10% instead.

 241, 146, 248

 241, 146, 248


255, 255, 255

 212, 119, 219

 255, 202, 255

 183, 92, 191

 255, 231, 255

 155, 66, 164


 128, 39, 137

 101, 2, 112

 75, 0, 87

 50, 0, 63

 23, 0, 40

 0, 1, 18

■ 241, 146, 248

■ 241, 146, 248

■ 239, 121, 248

■ 243, 171, 248

■ 238, 96, 248

■ 244, 196, 248

■ 236, 72, 248

■ 246, 220, 248

■ 234, 47, 248

■ 248, 245, 248

■ 232, 22, 248

■ 248, 255, 253

■ 231, 0, 248

■ 248, 255, 252

■ 248, 255, 250

■ 248, 255, 248

Harmonies

Analogous

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



165, 170, 255



241, 146, 248



255, 130, 194

Triad

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



241, 146, 248



125, 221, 59



0, 109, 227

Complementary

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



241, 146, 248



146, 248, 241

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, 115, 208



241, 146, 248



69, 192, 95

Square

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



241, 146, 248



255, 192, 88



92, 187, 203



0, 113, 255

Rectangle

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



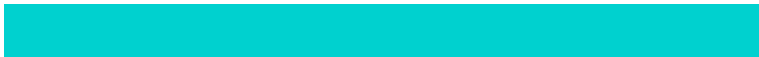
241, 146, 248



255, 130, 155



92, 187, 203



0, 105, 209

Sweetspot

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



241, 146, 248



253, 224, 255



146, 153, 248



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 146, 248



246, 130, 255



248, 146, 205



124, 112, 125



176, 0, 189



57, 0, 61

Inverse Universe

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



248, 146, 153



255, 130, 139



146, 218, 248



125, 112, 113



189, 0, 13



61, 0, 4

Previews

White Background



This preview shows how the RYB color 241, 146, 248 looks on a white background.

Color Contrast Check

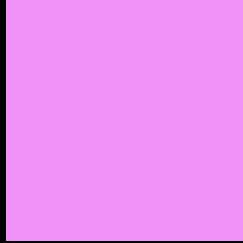
Large Text (above 18pt) WCAG AA × Fail

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 241, 146, 248 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 241, 146, 248 Background



This preview shows how black text looks on a background with the RYB color 241, 146, 248.

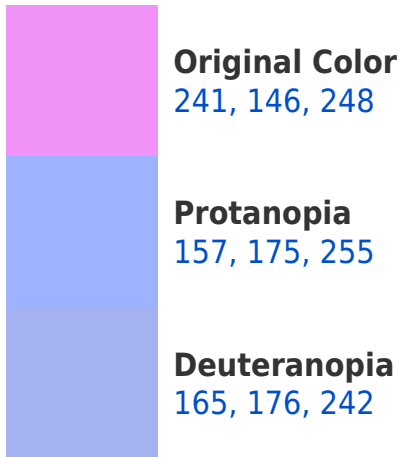



This preview shows how white text looks on a background with the RYB color 241, 146, 248.

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
231, 162, 174

Trichromacy



Original Color

241, 146, 248



Protanomaly

188, 167, 252



Deuteranomaly

193, 166, 244



Tritanomaly

235, 156, 201

Monochromacy



Original Color

241, 146, 248



Achromatopsia

186, 186, 186



Achromatomaly

206, 171, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 146, 248 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(241, 146, 248) looks like.

```
.text, #text, p{  
    color:rgb(241, 146, 248)  
}
```

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(241, 146, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 146, 248) }
```

Border

The CSS property to change the border of an element to RYB 241, 146, 248 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(241, 146, 248) }
```

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

```
.border{ border-color:rgb(241, 146, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 146, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 146, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 146, 248); box-shadow:4px 4px 4px 4px rgb(241, 146, 248) }
```

Background

The CSS property to change the background color of an element to RYB 241, 146, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 146, 248) }
```

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

```
.background{ background-color: rgb(241,  
146, 248) }
```

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