

Converting Colors

`RYB(241, 140, 248)`

Have a look what the booklet for
RYB(241, 140, 248) contains.

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Color

R_YB(241, 140, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F18CF8
RGB	241, 140, 248
RGB Percent	95%, 55%, 97%
CMY	0.0549, 0.4510, 0.0275
CMYK	0.03, 0.44, 0.00, 0.03
HSL	296°, 89%, 76%
HSV	296°, 44%, 97%
XYZ	62.5970, 44.2343, 94.0458
YIQ	182.5110, 25.5280, 55.0000

Conversions

Conversions Part 2

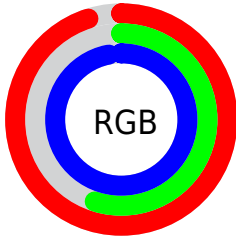
Format	Color
R_{YB}	241, 140, 248
Decimal	15830264
CIE _{Lab}	72.38, 54.05, -38.08
CIE _{LCh}	72, 66.118, 324.834
Yxy	44.2343, 0.3116, 0.2202
Android (android.graphics.Color)	4294020344 (0xFFFF18CF8)
YUV	182.5110, 32.2861, 51.2949
Hunter-Lab	66.5088, 51.6107, -37.2819

Details

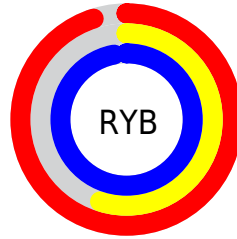
The RYB color **241, 140, 248** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **140, 248, 241**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 196, 255**, and **183, 86, 191** is the 20% darker color. If you saturate the color by 10%, you get **239, 115, 248**, and if you desaturate by 10%, it is **243, 165, 248**.

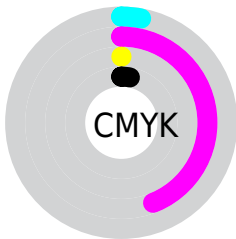
Distribution



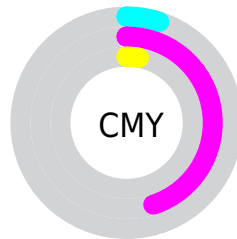
- Red (95%)
- Green (55%)
- Blue (97%)



- Red (95%)
- Yellow (55%)
- Blue (97%)



- Cyan (3%)
- Magenta (44%)
- Yellow (0%)
- Black (3%)




- Cyan (5%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 140, 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, 140, 248 by changing the saturation by 10% instead.


 241, 140, 248


255, 255, 255

 255, 196, 255


 255, 225, 255

255, 254, 255

 241, 140, 248

 212, 113, 219

 183, 86, 191

 155, 59, 164

 127, 30, 137

 100, 0, 111

 74, 0, 86

 49, 0, 63

 20, 0, 40

 0, 1, 17

241, 140, 248

241, 140, 248

239, 115, 248

243, 165, 248

238, 90, 248

244, 190, 248

236, 66, 248

246, 214, 248

235, 41, 248

247, 239, 248

233, 16, 248

248, 255, 254

232, 0, 248

248, 255, 252

248, 255, 251

248, 255, 249

248, 255, 248

Harmonies

Analogous

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



160, 166, 255



241, 140, 248



255, 122, 191

Triad

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



241, 140, 248



111, 218, 46



0, 108, 227

Complementary

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



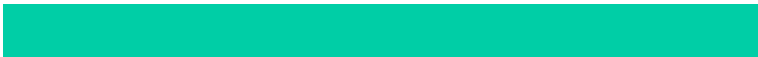
241, 140, 248



140, 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, 114, 206



241, 140, 248



58, 189, 87

Square

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



241, 140, 248



255, 190, 79



80, 180, 200



0, 112, 255

Rectangle

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



241, 140, 248



255, 122, 150



80, 180, 200



0, 104, 207

Sweetspot

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



241, 140, 248



253, 222, 255



140, 147, 248



126, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 140, 248



246, 122, 255



248, 140, 201



124, 112, 125



176, 0, 189



57, 0, 61

Inverse Universe

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



248, 140, 147



255, 122, 131



140, 215, 248



125, 112, 113



189, 0, 12



61, 0, 4

Previews

White Background



This preview shows how the RYB color 241, 140, 248 looks on a white background.

Color Contrast Check

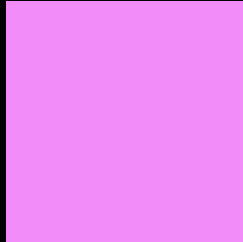
Large Text (above 18pt) WCAG AA × Fail

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, 140, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

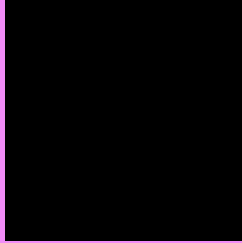
Any Text WCAG AA ✓ Pass

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, 140, 248 Background



This preview shows how black text looks on a background with the RYB color 241, 140, 248.

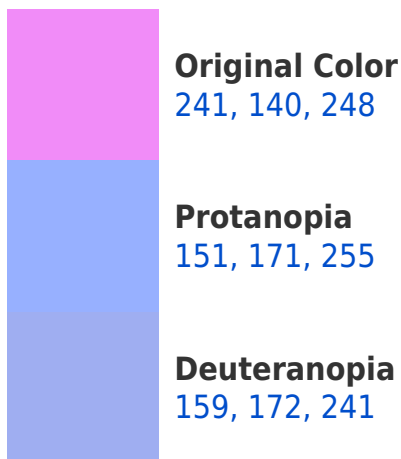


This preview shows how white text looks on a background with the RYB color 241, 140, 248.

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, 158, 170

Trichromacy



Original Color

241, 140, 248



Protanomaly

184, 162, 252



Deuteranomaly

189, 162, 244



Tritanomaly

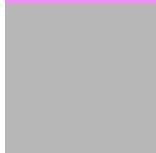
235, 151, 198

Monochromacy



Original Color

241, 140, 248



Achromatopsia

183, 183, 183



Achromatomaly

204, 167, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 140, 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, 140, 248) looks like.

```
.text, #text, p{  
    color:rgb(241, 140, 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, 140, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 140, 248) }
```

Border

The CSS property to change the border of an element to RYB 241, 140, 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, 140, 248) }
```

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

```
.border{ border-color:rgb(241, 140, 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, 140, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 140, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 140, 248);  
box-shadow:4px 4px 4px 4px rgb(241, 140,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 241, 140, 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, 140, 248) }
```

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

```
.background{ background-color: rgb(241,  
140, 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](#).

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