

Converting Colors

`RYB(241, 193, 255)`

Have a look what the booklet for
RYB(241, 193, 255) contains.

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Color

R_YB(241, 193, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F1C1FF
RGB	241, 193, 255
RGB Percent	95%, 76%, 100%
CMY	0.0549, 0.2431, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	286°, 100%, 88%
HSV	286°, 24%, 100%
XYZ	73.3956, 64.0607, 103.1043
YIQ	214.4200, 8.7060, 29.4580

Conversions

Conversions Part 2

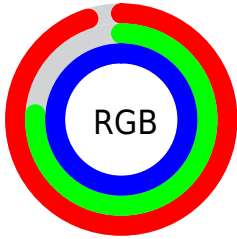
Format	Color
R _Y B	241, 193, 255
Decimal	15843839
CIE Lab	84.00, 27.70, -23.99
CIE LCh	84, 36.640, 319.104
Yxy	64.0607, 0.3051, 0.2663
Android (android.graphics.Color)	4294033919 (0xFFFF1C1FF)
YUV	214.4200, 20.0059, 23.3107
Hunter-Lab	80.0379, 23.6199, -20.3504

Details

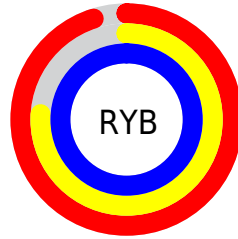
The RYB color **241, 193, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **193, 255, 241**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 250, 255**, and **184, 139, 198** is the 20% darker color. If you saturate the color by 10%, you get **235, 168, 255**, and if you desaturate by 10%, it is **247, 219, 255**.

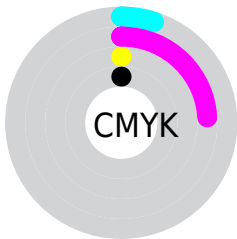
Distribution



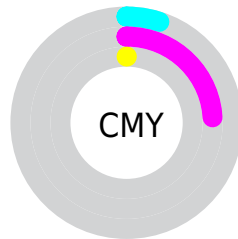
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 193, 255 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, 193, 255 by changing the saturation by 10% instead.


 241, 193, 255

255, 255, 255


 255, 250, 255

 241, 193, 255

 212, 166, 226

 184, 139, 198

 157, 113, 171

 131, 88, 144

 105, 64, 118

 80, 41, 93

 56, 19, 70

 34, 0, 47

 0, 0, 26

■ 241, 193, 255

■ 241, 193, 255

■ 235, 168, 255

■ 247, 219, 255

■ 229, 142, 255

■ 253, 244, 255

■ 224, 117, 255

255, 255, 255

■ 218, 91, 255

■ 212, 66, 255

■ 206, 40, 255

■ 201, 15, 255

■ 197, 0, 255

Harmonies

Analogous

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



197, 204, 255



241, 193, 255



255, 185, 224

Triad

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



241, 193, 255



213, 245, 142



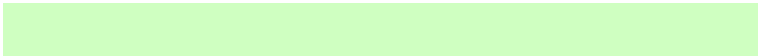
99, 164, 231

Complementary

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



241, 193, 255



193, 255, 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.



131, 189, 228



241, 193, 255



144, 214, 147

Square

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



241, 193, 255



255, 209, 159



163, 223, 214



102, 170, 255

Rectangle

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



241, 193, 255



255, 184, 200



163, 223, 214



107, 171, 229

Sweetspot

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



241, 193, 255



251, 237, 255



193, 204, 255



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 193, 255



238, 181, 255



255, 193, 238



125, 115, 128



148, 0, 191



49, 0, 64

Inverse Universe

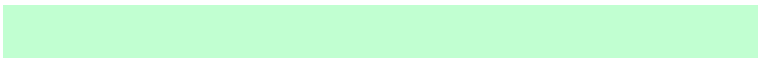
The Inverse Universe completely reimagines the original color for something new.



255, 193, 207



255, 181, 198



193, 242, 255



128, 115, 118



191, 0, 43



64, 0, 14

Previews

White Background



This preview shows how the RYB color 241, 193, 255 looks on a white background.

Color Contrast Check

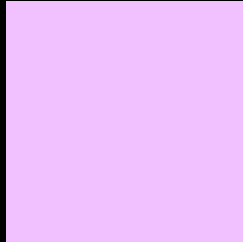
Large Text (above 18pt) WCAG AA × Fail

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, 193, 255 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, 193, 255 Background



This preview shows how black text looks on a background with the RYB color 241, 193, 255.

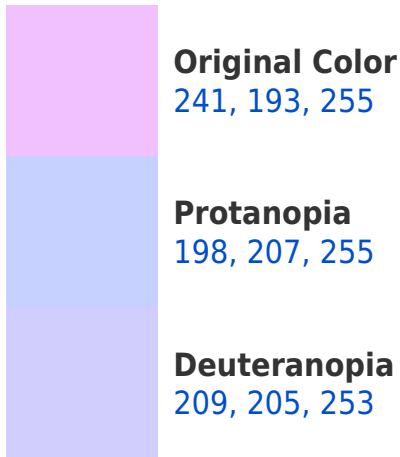


This preview shows how white text looks on a background with the RYB color 241, 193, 255.

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
235, 200, 216

Trichromacy



Original Color

241, 193, 255



Protanomaly

214, 203, 255



Deuteranomaly

221, 201, 254



Tritanomaly

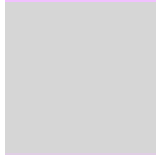
237, 197, 230

Monochromacy



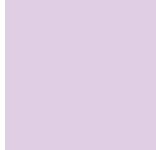
Original Color

241, 193, 255



Achromatopsia

214, 214, 214



Achromatomaly

224, 206, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 193, 255 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, 193, 255) looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 255)  
}
```

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, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 255) }
```

Border

The CSS property to change the border of an element to RYB 241, 193, 255 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, 193, 255) }
```

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

```
.border{ border-color:rgb(241, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 241, 193, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 255) }
```

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

```
.background{ background-color: rgb(241,  
193, 255) }
```

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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