

Converting Colors

RGB(241, 133, 243)

Have a look what the booklet for
RGB(241, 133, 243) contains.

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Color

RGB(241, 133, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F185F3
RGB	241, 133, 243
RGB Percent	95%, 52%, 95%
CMY	0.0549, 0.4784, 0.0471
CMYK	0.01, 0.45, 0.00, 0.05
HSL	299°, 82%, 74%
HSV	299°, 45%, 95%
XYZ	60.8408, 41.9469, 89.6839
YIQ	177.8320, 29.0580, 57.1060

Conversions

Conversions Part 2

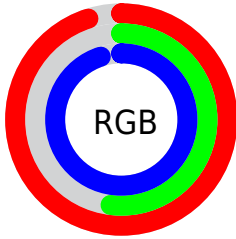
Format	Color
R _Y B	241, 133, 243
Decimal	15828467
CIE Lab	70.83, 56.63, -37.76
CIE LCh	71, 68.063, 326.302
Yxy	41.9469, 0.3161, 0.2179
Android (android.graphics.Color)	4294018547 (0xFFFF185F3)
YUV	177.8320, 32.1278, 55.3983
Hunter-Lab	64.7664, 54.3396, -36.7641

Details

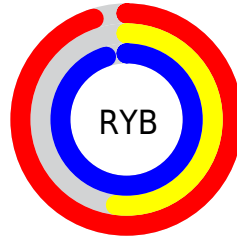
The RGB color **241, 133, 243** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **135, 243, 133**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 189, 255**, and **183, 79, 186** is the 20% darker color. If you saturate the color by 10%, you get **241, 109, 243**, and if you desaturate by 10%, it is **241, 157, 243**.

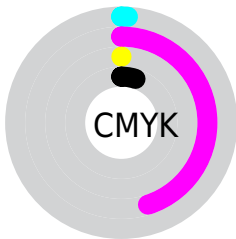
Distribution



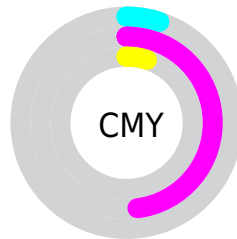
- Red (95%)
- Green (52%)
- Blue (95%)



- Red (95%)
- Yellow (52%)
- Blue (95%)



- Cyan (1%)
- Magenta (45%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 241, 133, 243 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 RGB color 241, 133, 243 by changing the saturation by 10% instead.


 241, 133, 243

 241, 133, 243


255, 255, 255

 212, 106, 214

 255, 189, 255

 183, 79, 186

 255, 218, 255

 154, 51, 159

 255, 247, 255

 127, 17, 133

 100, 0, 107

 73, 0, 82

 50, 0, 59

 16, 0, 36

 0, 0, 11

■ 241, 133, 243

■ 241, 133, 243

■ 241, 109, 243

■ 241, 157, 243

■ 240, 84, 243

■ 242, 182, 243

■ 240, 60, 243

■ 242, 206, 243

■ 239, 36, 243

■ 243, 230, 243

■ 239, 12, 243

■ 243, 254, 243

■ 239, 0, 243

■ 244, 255, 243

■ 244, 255, 243

■ 245, 255, 243

■ 245, 255, 243

Harmonies

Analogous

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



160, 160, 255



241, 133, 243



255, 115, 184

Triad

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



241, 133, 243



212, 168, 34



0, 202, 227

Complementary

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



241, 133, 243



135, 243, 133

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, 202, 163



241, 133, 243



152, 186, 50

Square

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



241, 133, 243



255, 143, 69



63, 197, 101



0, 197, 255

Rectangle

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



241, 133, 243



255, 116, 142



63, 197, 101



0, 203, 206

Sweetspot

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



241, 133, 243



254, 219, 255



133, 137, 243



127, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 133, 243



252, 117, 255



243, 133, 192



122, 110, 122



183, 0, 186



58, 0, 59

Inverse Universe

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



243, 133, 135



255, 117, 120



133, 243, 184



122, 110, 110



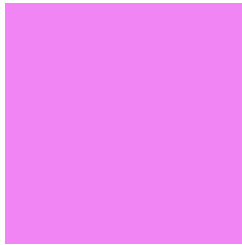
186, 0, 3



59, 0, 1

Previews

White Background



This preview shows how the RGB color 241, 133, 243 looks on a white background.

Color Contrast Check

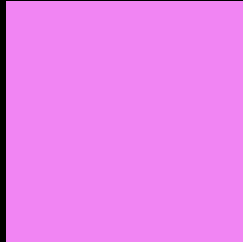
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 241, 133, 243 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](#).

RGB 241, 133, 243 Background



This preview shows how black text looks on a background with the RGB color 241, 133, 243.

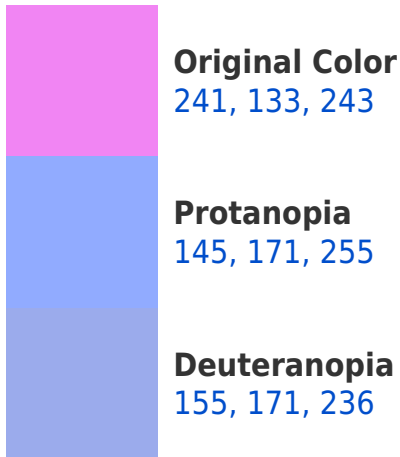


This preview shows how white text looks on a background with the RGB color 241, 133, 243.

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, 151, 163

Trichromacy



Original Color

241, 133, 243



Protanomaly

180, 157, 251



Deuteranomaly

186, 157, 239



Tritanomaly

235, 144, 192

Monochromacy



Original Color

241, 133, 243



Achromatopsia

178, 178, 178



Achromatomaly

201, 162, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 133, 243 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, 133, 243) looks like.

```
.text, #text, p{  
    color:rgb(241, 133, 243)  
}
```

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, 133, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 133, 243) }
```

Border

The CSS property to change the border of an element to RGB 241, 133, 243 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, 133, 243) }
```

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

```
.border{ border-color:rgb(241, 133, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 133, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 133, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 133, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 133,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 241, 133, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 133, 243) }
```

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

```
.background{ background-color: rgb(241,  
133, 243) }
```

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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