

Converting Colors

RGB(233, 99, 240)

Have a look what the booklet for
RGB(233, 99, 240) contains.

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Color

RGB(233, 99, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E963F0
RGB	233, 99, 240
RGB Percent	91%, 39%, 94%
CMY	0.0863, 0.6118, 0.0588
CMYK	0.03, 0.59, 0.00, 0.06
HSL	297°, 82%, 66%
HSV	297°, 59%, 94%
XYZ	53.7943, 32.5386, 85.8834
YIQ	155.1400, 34.6030, 72.2590

Conversions

Conversions Part 2

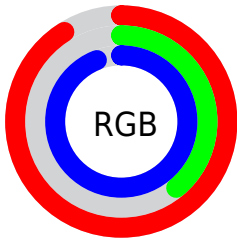
Format	Color
R _{YB}	233, 99, 240
Decimal	15295472
CIE Lab	63.79, 69.69, -47.23
CIE LCh	64, 84.183, 325.873
Yxy	32.5386, 0.3124, 0.1889
Android (android.graphics.Color)	4293485552 (0xFFE963F0)
YUV	155.1400, 41.8360, 68.2832
Hunter-Lab	57.0426, 68.5107, -49.3372

Details

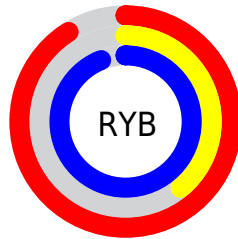
The RGB color **233, 99, 240** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **106, 240, 99**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 156, 255**, and **174, 36, 183** is the 20% darker color. If you saturate the color by 10%, you get **232, 75, 240**, and if you desaturate by 10%, it is **234, 123, 240**.

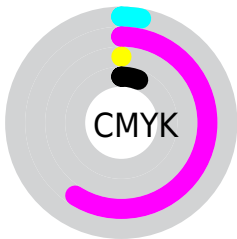
Distribution



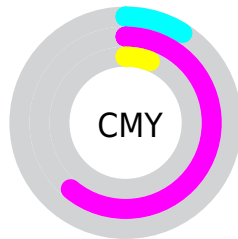
- Red (91%)
- Green (39%)
- Blue (94%)



- Red (91%)
- Yellow (39%)
- Blue (94%)



- Cyan (3%)
- Magenta (59%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (61%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 99, 240 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 233, 99, 240 by changing the saturation by 10% instead.



233, 99, 240



233, 99, 240

255, 255, 255



203, 69, 211



255, 156, 255



174, 36, 183



255, 185, 255



145, 0, 156



255, 214, 255



117, 0, 129



255, 244, 255



89, 0, 104



62, 0, 79



35, 0, 55



0, 2, 32





0, 0, 5

 233, 99, 240

 233, 99, 240

 232, 75, 240

 234, 123, 240

 231, 51, 240

 235, 147, 240

 229, 27, 240

 237, 171, 240

 228, 3, 240

 238, 195, 240

 228, 0, 240

 239, 219, 240

 240, 243, 240

 241, 255, 240

 243, 255, 240

 244, 255, 240

Harmonies

Analogous

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



124, 139, 255



233, 99, 240



255, 63, 168

Triad

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



233, 99, 240



195, 148, 0



0, 187, 218

Complementary

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



233, 99, 240



106, 240, 99

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, 186, 141



233, 99, 240



123, 169, 0

Square

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



233, 99, 240



250, 115, 13



0, 181, 62



0, 182, 255

Rectangle

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



233, 99, 240



255, 66, 118



0, 181, 62



0, 187, 194

Sweetspot

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



233, 99, 240



253, 209, 255



99, 106, 240



126, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 99, 240



246, 74, 255



240, 99, 177



119, 108, 120



174, 0, 184



53, 0, 56

Inverse Universe

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



240, 99, 106



255, 74, 83



99, 240, 162



120, 108, 108



184, 0, 9



56, 0, 3

Previews

White Background



This preview shows how the RGB color 233, 99, 240 looks on a white background.

Color Contrast Check

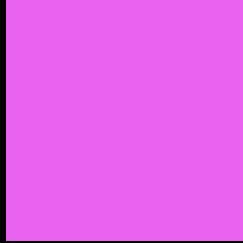
Large Text (above 18pt) WCAG AA × Fail

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 233, 99, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

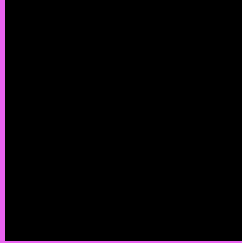
Any Text WCAG AA ✓ Pass

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 233, 99, 240 Background



This preview shows how black text looks on a background with the RGB color 233, 99, 240.

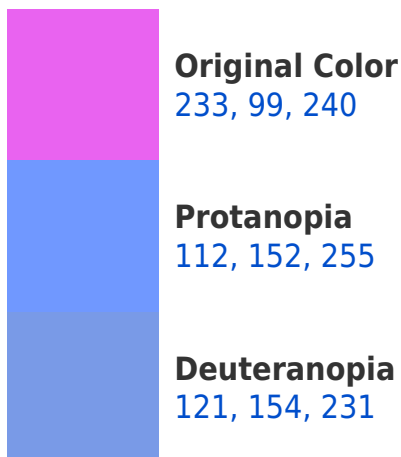


This preview shows how white text looks on a background with the RGB color 233, 99, 240.

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
220, 127, 137

Trichromacy



Original Color
233, 99, 240



Protanomaly
156, 133, 250



Deuteranomaly
162, 134, 234



Tritanomaly
225, 117, 174

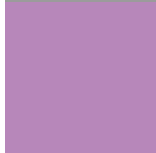
Monochromacy



Original Color
233, 99, 240



Achromatopsia
155, 155, 155



Achromatomaly
183, 135, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 99, 240 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(233, 99, 240)` looks like.

```
.text, #text, p{  
    color:rgb(233, 99, 240)  
}
```

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(233, 99, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 99, 240) }
```

Border

The CSS property to change the border of an element to RGB 233, 99, 240 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(233, 99, 240) }
```

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

```
.border{ border-color:rgb(233, 99, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 99, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 99, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 99, 240);  
box-shadow:4px 4px 4px 4px rgb(233, 99,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 233, 99, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 99, 240) }
```

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

```
.background{ background-color: rgb(233, 99,  
240) }
```

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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