

Converting Colors

RGB(240, 171, 239)

Have a look what the booklet for
RGB(240, 171, 239) contains.

RGB(240, 171, 239)	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

RGB(240, 171, 239)

Conversions

Conversions Part 1

Format	Color
Hex	F0ABEF
RGB	240, 171, 239
RGB Percent	94%, 67%, 94%
CMY	0.0588, 0.3294, 0.0627
CMYK	0.00, 0.29, 0.00, 0.06
HSL	301°, 70%, 81%
HSV	301°, 29%, 94%
XYZ	66.0781, 53.8831, 88.5791
YIQ	199.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

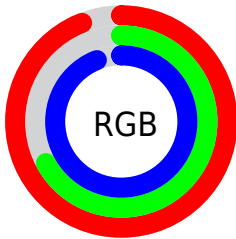
Format	Color
R _Y B	240, 171, 239
Decimal	15772655
CIE Lab	78.39, 36.07, -23.96
CIE LCh	78, 43.300, 326.409
Yxy	53.8831, 0.3169, 0.2584
Android (android.graphics.Color)	4293962735 (0xFFFF0ABEF)
YUV	199.3830, 19.5312, 35.6211
Hunter-Lab	73.4051, 32.2239, -20.1627

Details

The RGB color **240, 171, 239** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 240, 172**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 227, 255**, and **183, 118, 183** is the 20% darker color. If you saturate the color by 10%, you get **240, 147, 239**, and if you desaturate by 10%, it is **240, 195, 239**.

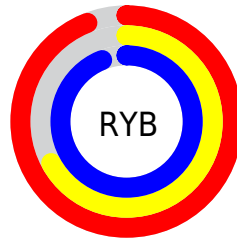
Distribution



Red (94%)

Green (67%)

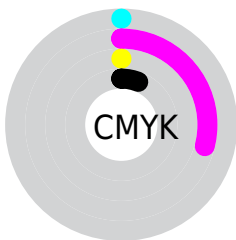
Blue (94%)



Red (94%)

Yellow (67%)

Blue (94%)

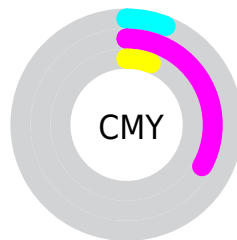


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 171, 239 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 240, 171, 239 by changing the saturation by 10% instead.

 240, 171, 239

255, 255, 255

 255, 227, 255

 240, 171, 239

 211, 144, 211

 183, 118, 183

 156, 92, 156

 129, 67, 130

 103, 43, 104


 77, 18, 80


 53, 0, 57


 33, 0, 35


 0, 0, 10

 240, 171, 239

 240, 171, 239

 240, 147, 239


 240, 195, 239

 240, 123, 238


 240, 219, 240

 240, 99, 238


 240, 243, 240

 240, 75, 238

 240, 255, 240

 240, 51, 237

 240, 255, 241

 240, 27, 237

 240, 255, 241

 240, 3, 237

 240, 255, 241

 240, 0, 237

 240, 255, 242

 240, 255, 242

Harmonies

Analogous

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



191, 185, 255



240, 171, 239



255, 163, 200

Triad

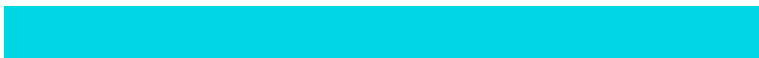
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 171, 239



224, 190, 113



0, 215, 228

Complementary

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



240, 171, 239



171, 240, 172

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.



79, 215, 188



240, 171, 239



184, 202, 120

Square

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



240, 171, 239



255, 176, 128



136, 211, 148



41, 210, 255

Rectangle

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



240, 171, 239



255, 163, 173



136, 211, 148



25, 215, 215

Sweetspot

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



240, 171, 239



255, 232, 255



171, 171, 240



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



240, 171, 239



255, 166, 254



240, 171, 205



120, 108, 120



184, 0, 181



56, 0, 55

Inverse Universe

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



240, 171, 239



255, 166, 254



171, 240, 205



120, 108, 120



184, 0, 181



56, 0, 55

Previews

White Background



This preview shows how the RGB color 240, 171, 239 looks on a white background.

Color Contrast Check

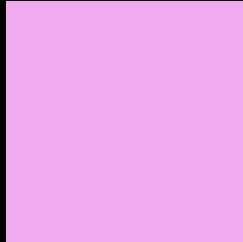
Large Text (above 18pt) WCAG AA × Fail

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 240, 171, 239 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 240, 171, 239 Background



This preview shows how black text looks on a background with the RGB color 240, 171, 239.



This preview shows how white text looks on a background with the RGB color 240, 171, 239.

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



Original Color
240, 171, 239

Protanopia
178, 192, 254

Deuteranopia
193, 190, 235



Tritanopia
234, 180, 194

Trichromacy



Original Color

240, 171, 239



Protanomaly

201, 184, 249



Deuteranomaly

210, 183, 236



Tritanomaly

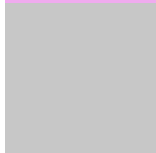
236, 177, 210

Monochromacy



Original Color

240, 171, 239



Achromatopsia

199, 199, 199



Achromatomaly

214, 189, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 171, 239 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(240, 171, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 171, 239)  
}
```

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(240, 171, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 171, 239) }
```

Border

The CSS property to change the border of an element to RGB 240, 171, 239 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(240, 171, 239) }
```

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

```
.border{ border-color:rgb(240, 171, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 171, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 171, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 171, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 171,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 240, 171, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 171, 239) }
```

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

```
.background{ background-color: rgb(240,  
171, 239) }
```

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