

Converting Colors

RGB(240, 160, 234)

Have a look what the booklet for
RGB(240, 160, 234) contains.

RGB(240, 160, 234)	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, 160, 234)

Conversions

Conversions Part 1

Format	Color
Hex	F0A0EA
RGB	240, 160, 234
RGB Percent	94%, 63%, 92%
CMY	0.0588, 0.3725, 0.0824
CMYK	0.00, 0.33, 0.03, 0.06
HSL	304°, 73%, 78%
HSV	304°, 33%, 94%
XYZ	63.3573, 49.6074, 84.0778
YIQ	192.3560, 23.9260, 39.9740

Conversions

Conversions Part 2

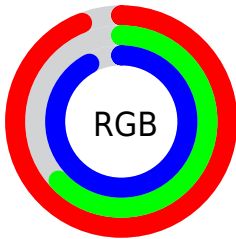
Format	Color
R _Y B	240, 160, 234
Decimal	15769834
CIE Lab	75.83, 40.96, -25.16
CIE LCh	76, 48.075, 328.439
Yxy	49.6074, 0.3215, 0.2518
Android (android.graphics.Color)	4293959914 (0xFFFF0A0EA)
YUV	192.3560, 20.5305, 41.7838
Hunter-Lab	70.4325, 37.3120, -21.4738

Details

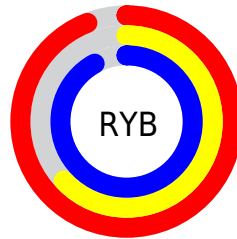
The RGB color **240, 160, 234** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **160, 240, 166**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 216, 255**, and **183, 107, 178** is the 20% darker color. If you saturate the color by 10%, you get **240, 136, 232**, and if you desaturate by 10%, it is **240, 184, 236**.

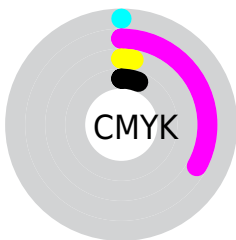
Distribution



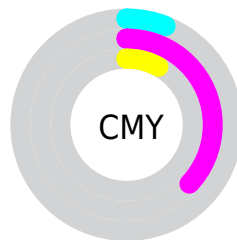
- Red (94%)
- Green (63%)
- Blue (92%)



- Red (94%)
- Yellow (63%)
- Blue (92%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 160, 234 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, 160, 234 by changing the saturation by 10% instead.

 240, 160, 234

 240, 160, 234

255, 255, 255

 211, 133, 206

 255, 216, 255

 183, 107, 178

 255, 245, 255

 155, 81, 151

 128, 56, 125

 102, 31, 100


 76, 0, 76


 52, 0, 53


 28, 0, 31


 0, 0, 2

 240, 160, 234


 240, 160, 234

 240, 136, 232


 240, 184, 236

 240, 112, 230


 240, 208, 238

 240, 88, 229


 240, 232, 239

 240, 64, 227

 240, 255, 241

 240, 40, 225

 240, 255, 243

 240, 16, 223

 240, 255, 245

 240, 0, 222

 240, 255, 247

 240, 255, 248

 240, 255, 250

Harmonies

Analogous

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



187, 176, 255



240, 160, 234



255, 151, 191

Triad

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



240, 160, 234



216, 184, 96



0, 209, 228

Complementary

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



240, 160, 234



160, 240, 166

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.



27, 210, 183



240, 160, 234



171, 197, 107

Square

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



240, 160, 234



251, 168, 112



117, 206, 139



0, 203, 255

Rectangle

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



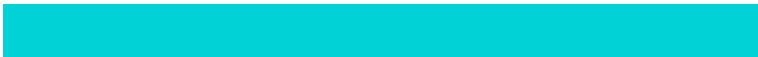
240, 160, 234



255, 152, 161



117, 206, 139



0, 210, 213

Sweetspot

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



240, 160, 234



255, 230, 253



165, 160, 240



128, 112, 126



0, 0, 0



128, 128, 128

Same Dimension

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



240, 160, 234



255, 153, 247



240, 160, 195



120, 108, 119



184, 0, 170



56, 0, 52

Inverse Universe

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



240, 160, 234



255, 153, 247



160, 240, 205



120, 108, 119



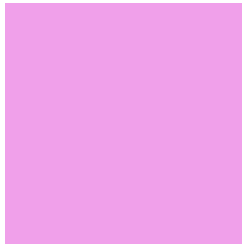
184, 0, 170



56, 0, 52

Previews

White Background



This preview shows how the RGB color 240, 160, 234 looks on a white background.

Color Contrast Check

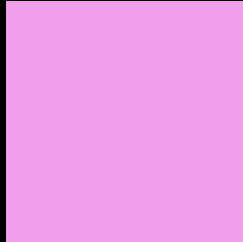
Large Text (above 18pt) WCAG AA × Fail

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, 160, 234 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, 160, 234 Background



This preview shows how black text looks on a background with the RGB color 240, 160, 234.



This preview shows how white text looks on a background with the RGB color 240, 160, 234.

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, 160, 234

Protanopia
168, 185, 252

Deuteranopia
184, 183, 230



Tritanopia
233, 170, 183

Trichromacy



Original Color

240, 160, 234



Protanomaly

194, 176, 245



Deuteranomaly

204, 175, 231



Tritanomaly

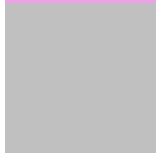
236, 166, 202

Monochromacy



Original Color

240, 160, 234



Achromatopsia

192, 192, 192



Achromatomaly

209, 180, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 160, 234 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, 160, 234) looks like.

```
.text, #text, p{  
    color:rgb(240, 160, 234)  
}
```

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, 160, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 160, 234) }
```

Border

The CSS property to change the border of an element to RGB 240, 160, 234 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, 160, 234) }
```

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

```
.border{ border-color:rgb(240, 160, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 160, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 160, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 160, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 160,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 240, 160, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 160, 234) }
```

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

```
.background{ background-color: rgb(240,  
160, 234) }
```

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