

Converting Colors

RGB(238, 164, 240)

Have a look what the booklet for
RGB(238, 164, 240) contains.

RGB(238, 164, 240)	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(238, 164, 240)

Conversions

Conversions Part 1

Format	Color
Hex	EEA4F0
RGB	238, 164, 240
RGB Percent	93%, 64%, 94%
CMY	0.0667, 0.3569, 0.0588
CMYK	0.01, 0.32, 0.00, 0.06
HSL	298°, 72%, 79%
HSV	298°, 32%, 94%
XYZ	64.2635, 51.0193, 88.8987
YIQ	194.7900, 19.7080, 39.3240

Conversions

Conversions Part 2

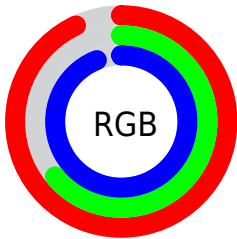
Format	Color
R _Y B	238, 164, 240
Decimal	15639792
CIE Lab	76.69, 39.32, -27.12
CIE LCh	77, 47.761, 325.406
Yxy	51.0193, 0.3147, 0.2499
Android (android.graphics.Color)	4293829872 (0xFFEEA4F0)
YUV	194.7900, 22.2885, 37.8952
Hunter-Lab	71.4278, 35.5976, -23.7926

Details

The RGB color **238, 164, 240** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **166, 240, 164**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 220, 255**, and **181, 111, 184** is the 20% darker color. If you saturate the color by 10%, you get **237, 140, 240**, and if you desaturate by 10%, it is **239, 188, 240**.

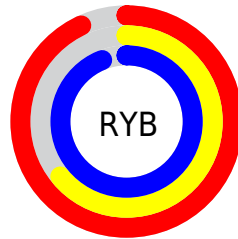
Distribution



Red (93%)

Green (64%)

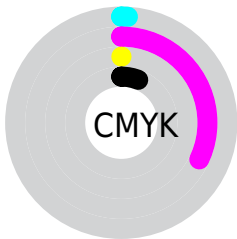
Blue (94%)



Red (93%)

Yellow (64%)

Blue (94%)

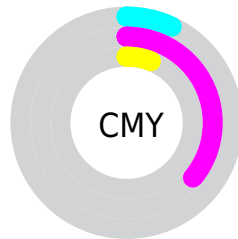


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (36%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 164, 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 238, 164, 240 by changing the saturation by 10% instead.


 238, 164, 240

 238, 164, 240

255, 255, 255

 209, 137, 212


 255, 220, 255

 181, 111, 184

 255, 249, 255

 153, 85, 157

 127, 60, 130

 100, 35, 105

 75, 7, 81


 50, 0, 57

 28, 0, 36


 0, 0, 10

 238, 164, 240

 238, 164, 240

 237, 140, 240


 239, 188, 240

 237, 116, 240

 239, 212, 240

 236, 92, 240

 240, 236, 240

 235, 68, 240

 241, 255, 240

 235, 44, 240

 241, 255, 240

 234, 20, 240

 242, 255, 240

 234, 0, 240

 242, 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.



183, 180, 255



238, 164, 240



255, 154, 198

Triad

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



238, 164, 240



223, 184, 100



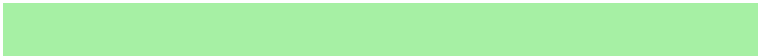
0, 212, 226

Complementary

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



238, 164, 240



166, 240, 164

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.



50, 212, 181



238, 164, 240



179, 198, 107

Square

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



238, 164, 240



255, 169, 118



126, 207, 137



0, 207, 255

Rectangle

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



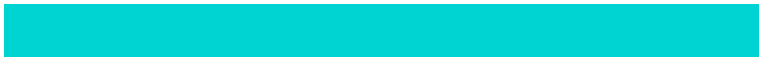
238, 164, 240



255, 154, 168



126, 207, 137



0, 212, 211

Sweetspot

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



238, 164, 240



254, 230, 255



164, 167, 240



127, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 164, 240



252, 158, 255



240, 164, 205



120, 108, 120



179, 0, 184



55, 0, 56

Inverse Universe

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



240, 164, 166



255, 158, 161



164, 240, 199



120, 108, 108



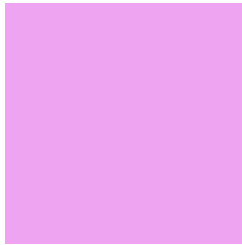
184, 0, 5



56, 0, 1

Previews

White Background



This preview shows how the RGB color 238, 164, 240 looks on a white background.

Color Contrast Check

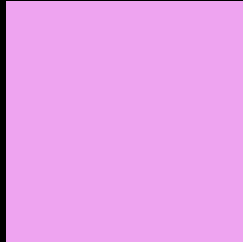
Large Text (above 18pt) WCAG AA × Fail

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 238, 164, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

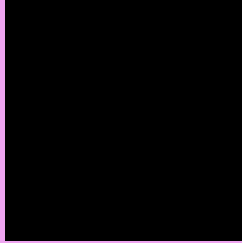
Any Text WCAG AA ✓ Pass

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 238, 164, 240 Background



This preview shows how black text looks on a background with the RGB color 238, 164, 240.

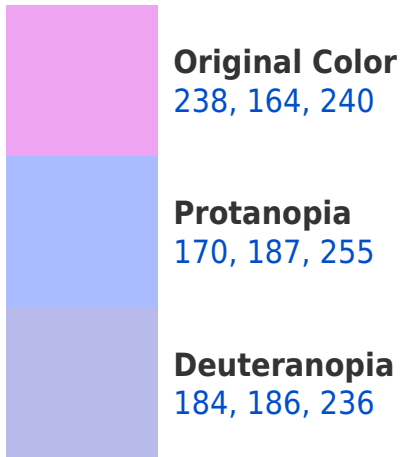


This preview shows how white text looks on a background with the RGB color 238, 164, 240.

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
231, 174, 188

Trichromacy



Original Color

238, 164, 240



Protanomaly

195, 179, 250



Deuteranomaly

204, 178, 237



Tritanomaly

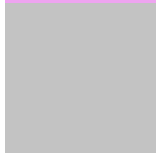
234, 170, 207

Monochromacy



Original Color

238, 164, 240



Achromatopsia

195, 195, 195



Achromatomaly

211, 184, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 164, 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(238, 164, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 164, 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(238, 164, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 164, 240) }
```

Border

The CSS property to change the border of an element to RGB 238, 164, 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(238, 164, 240) }
```

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

```
.border{ border-color:rgb(238, 164, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 164, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 164, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 164, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 164,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 238, 164, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 164, 240) }
```

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

```
.background{ background-color: rgb(238,  
164, 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](#).

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