

# Converting Colors

RGB(234, 163, 241)

Have a look what the booklet for  
RGB(234, 163, 241) contains.

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# Color

**RGB(234, 163, 241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAA3F1
RGB	234, 163, 241
RGB Percent	92%, 64%, 95%
CMY	0.0824, 0.3608, 0.0549
CMYK	0.03, 0.32, 0.00, 0.05
HSL	295°, 74%, 79%
HSV	295°, 32%, 95%
XYZ	62.9061, 50.0377, 89.5618
YIQ	193.1210, 17.2780, 39.3100

# Conversions

## Conversions Part 2

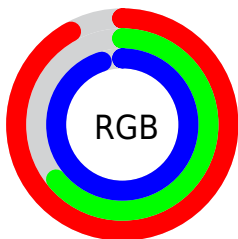
Format	Color
<a href="#">RYB</a>	<a href="#">234, 163, 241</a>
Decimal	<a href="#">15377393</a>
CIELab	<a href="#">76.09, 38.78, -28.61</a>
CIELCh	<a href="#">76, 48.196, 323.583</a>
Yxy	<a href="#">50.0377, 0.3106, 0.2471</a>
Android (android.graphics.Color)	<a href="#">4293567473 (0xFFEAA3F1)</a>
YUV	<a href="#">193.1210, 23.6043, 35.8509</a>
Hunter-Lab	<a href="#">70.7373, 34.9481, -25.5520</a>

# Details

The RGB color **234, 163, 241** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **170, 241, 163**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 219, 255**, and **177, 110, 185** is the 20% darker color. If you saturate the color by 10%, you get **232, 139, 241**, and if you desaturate by 10%, it is **236, 187, 241**.

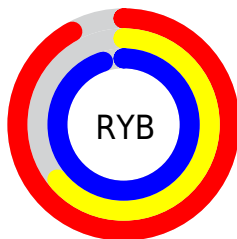
# Distribution



Red (92%)

Green (64%)

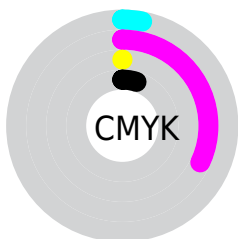
Blue (95%)



Red (92%)

Yellow (64%)

Blue (95%)

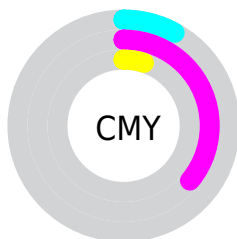


Cyan (3%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (8%)

Magenta (36%)

Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 234, 163, 241 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 234, 163, 241 by changing the saturation by 10% instead.



 234, 163, 241

 234, 163, 241

255, 255, 255

 205, 136, 213

 255, 219, 255

 177, 110, 185

 255, 248, 255

 150, 85, 158

 123, 60, 131

 97, 35, 106

 72, 7, 81


 47, 0, 58

 24, 0, 36


 0, 0, 11

 234, 163, 241

 234, 163, 241

 232, 139, 241


 236, 187, 241

 230, 115, 241

 238, 211, 241

 228, 91, 241


 240, 235, 241

 225, 67, 241


 243, 255, 241

 223, 43, 241


 245, 255, 241

 221, 18, 241

 247, 255, 241

 219, 0, 241

 249, 255, 241

 251, 255, 241

 253, 255, 241

# Harmonies

## Analogous

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



177, 180, 255



234, 163, 241



255, 152, 199

# Triad

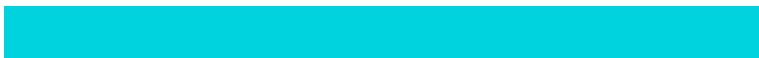
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 163, 241



224, 182, 98



0, 210, 222

# Complementary

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



234, 163, 241



170, 241, 163

# 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.



52, 210, 176



234, 163, 241



180, 196, 104

# Square

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



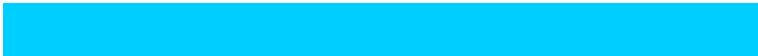
234, 163, 241



255, 166, 117



127, 205, 133



0, 206, 255

# Rectangle

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



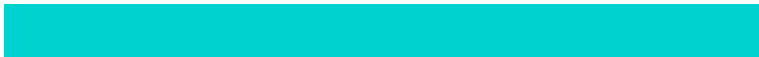
234, 163, 241



255, 152, 169



127, 205, 133



0, 211, 207



# Sweetspot

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



234, 163, 241



253, 230, 255



163, 171, 241



126, 112, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



234, 163, 241



246, 156, 255



241, 163, 210



119, 108, 120



167, 0, 184



51, 0, 56



# Inverse Universe

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



241, 163, 170



255, 156, 164



163, 241, 194



120, 108, 109



184, 0, 16



56, 0, 5



# Previews

## White Background



This preview shows how the RGB color 234, 163, 241 looks on a white background.

## Color Contrast Check

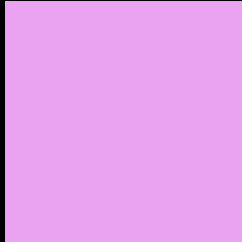
Large Text (above 18pt) WCAG AA × Fail

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 234, 163, 241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

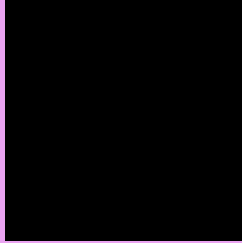
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 234, 163, 241 Background



This preview shows how black text looks on a background with the RGB color 234, 163, 241.

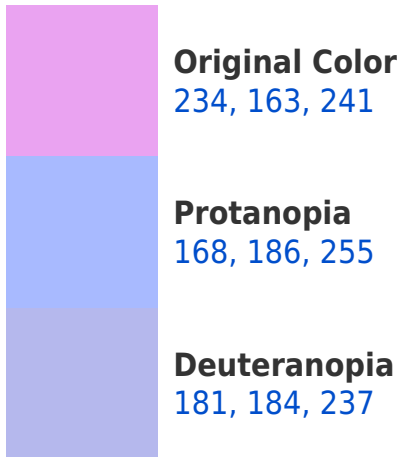


This preview shows how white text looks on a background with the RGB color 234, 163, 241.

# 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**  
227, 174, 187

# Trichromacy



**Original Color**

234, 163, 241



**Protanomaly**

192, 178, 250



**Deuteranomaly**

200, 176, 238



**Tritanomaly**

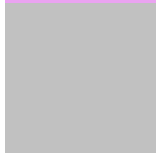
230, 170, 207

# Monochromacy



**Original Color**

234, 163, 241



**Achromatopsia**

193, 193, 193



**Achromatomaly**

208, 182, 210

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 234, 163, 241 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(234, 163, 241) looks like.

```
.text, #text, p{  
    color:rgb(234, 163, 241)  
}
```

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(234, 163, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 163, 241) }
```

## Border

The CSS property to change the border of an element to RGB 234, 163, 241 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(234, 163, 241) }
```

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

```
.border{ border-color:rgb(234, 163, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 163, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 163, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 163, 241);  
box-shadow:4px 4px 4px 4px rgb(234, 163,  
241) }
```

# Background

The CSS property to change the background color of an element to RGB 234, 163, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 163, 241) }
```

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

```
.background{ background-color: rgb(234,  
163, 241) }
```

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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