

# Converting Colors

RGB(229, 160, 239)

Have a look what the booklet for  
RGB(229, 160, 239) contains.

<b>RGB(229, 160, 239)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(229, 160, 239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5A0EF
RGB	229, 160, 239
RGB Percent	90%, 63%, 94%
CMY	0.1020, 0.3725, 0.0627
CMYK	0.04, 0.33, 0.00, 0.06
HSL	292°, 71%, 78%
HSV	292°, 33%, 94%
XYZ	60.4639, 48.0316, 87.7456
YIQ	189.6370, 15.7650, 39.1970

# Conversions

## Conversions Part 2

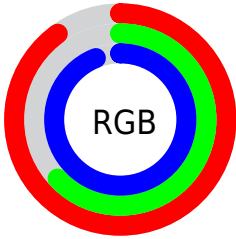
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 160, 239
Decimal	15048943
CIE Lab	74.84, 38.45, -29.49
CIE LCh	75, 48.454, 322.514
Yxy	48.0316, 0.3081, 0.2448
Android (android.graphics.Color)	4293239023 (0xFFE5A0EF)
YUV	189.6370, 24.3360, 34.5214
Hunter-Lab	69.3048, 34.4459, -26.5526

# Details

The RGB color **229, 160, 239** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **170, 239, 160**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 216, 255**, and **172, 107, 183** is the 20% darker color. If you saturate the color by 10%, you get **226, 136, 239**, and if you desaturate by 10%, it is **232, 184, 239**.

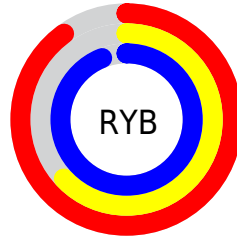
# Distribution



Red (90%)

Green (63%)

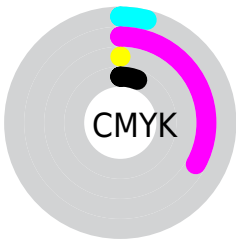
Blue (94%)



Red (90%)

Yellow (63%)

Blue (94%)

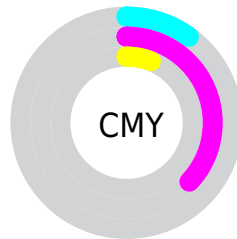


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (37%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 229, 160, 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 229, 160, 239 by changing the saturation by 10% instead.



 229, 160, 239

 229, 160, 239

255, 255, 255


 200, 133, 211

 255, 216, 255

 172, 107, 183

 255, 244, 255

 145, 82, 156

 118, 57, 129

 93, 32, 104

 67, 4, 80

 44, 0, 56

 16, 0, 34


 0, 0, 8

 229, 160, 239

 229, 160, 239

 226, 136, 239

 232, 184, 239

 223, 112, 239

 235, 208, 239

 220, 88, 239


 238, 232, 239

 217, 64, 239

 241, 255, 239

 214, 40, 239

 244, 255, 239

 211, 17, 239

 247, 255, 239

 209, 0, 239

 250, 255, 239

 253, 255, 239

 255, 255, 239

# Harmonies

## Analogous

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



171, 177, 255



229, 160, 239



255, 149, 197

# Triad

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



229, 160, 239



222, 178, 94



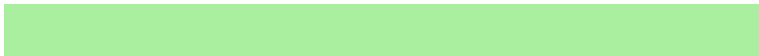
0, 207, 217

# Complementary

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



229, 160, 239



170, 239, 160

# 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.



49, 207, 171



229, 160, 239



178, 192, 99

# Square

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



229, 160, 239



254, 162, 115



126, 202, 128



0, 202, 254

# Rectangle

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



229, 160, 239



255, 148, 167



126, 202, 128



0, 207, 202



# Sweetspot

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



229, 160, 239



252, 230, 255



160, 171, 239



126, 112, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



229, 160, 239



242, 153, 255



239, 160, 210



118, 108, 120



160, 0, 184



49, 0, 56



# Inverse Universe

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



239, 160, 170



255, 153, 166



160, 239, 189



120, 108, 109



184, 0, 23



56, 0, 7



# Previews

## White Background



This preview shows how the RGB color 229, 160, 239 looks on a white background.

## Color Contrast Check

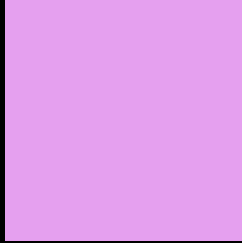
Large Text (above 18pt) WCAG AA × Fail

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 229, 160, 239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

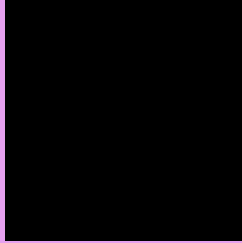
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 229, 160, 239 Background



This preview shows how black text looks on a background with the RGB color 229, 160, 239.

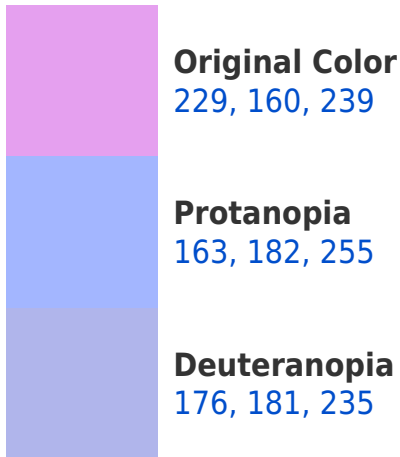


This preview shows how white text looks on a background with the RGB color 229, 160, 239.

# 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





**Tritanopia**  
221, 171, 184

# Trichromacy



**Original Color**

229, 160, 239



**Protanomaly**

187, 174, 249



**Deuteranomaly**

195, 173, 236



**Tritanomaly**

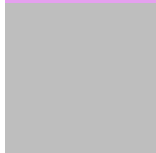
224, 167, 204

# Monochromacy



**Original Color**

229, 160, 239



**Achromatopsia**

190, 190, 190



**Achromatomaly**

204, 179, 208

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 229, 160, 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(229, 160, 239)` looks like.

```
.text, #text, p{  
    color:rgb(229, 160, 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(229, 160, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 160, 239) }
```

## Border

The CSS property to change the border of an element to RGB 229, 160, 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(229, 160, 239) }
```

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

```
.border{ border-color:rgb(229, 160, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 160, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 160, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 160, 239);  
box-shadow:4px 4px 4px 4px rgb(229, 160,  
239) }
```

# Background

The CSS property to change the background color of an element to RGB 229, 160, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 160, 239) }
```

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

```
.background{ background-color: rgb(229,  
160, 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](#).



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