

Converting Colors

RGB(229, 163, 245)

Have a look what the booklet for
RGB(229, 163, 245) contains.

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Color

RGB(229, 163, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E5A3F5
RGB	229, 163, 245
RGB Percent	90%, 64%, 96%
CMY	0.1020, 0.3608, 0.0392
CMYK	0.07, 0.33, 0.00, 0.04
HSL	288°, 80%, 80%
HSV	288°, 33%, 96%
XYZ	61.8917, 49.4450, 92.6680
YIQ	192.0820, 13.0140, 39.4940

Conversions

Conversions Part 2

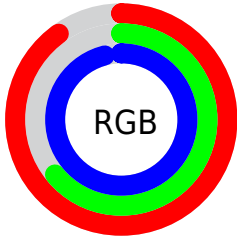
Format	Color
R _Y B	229, 163, 245
Decimal	15049717
CIE Lab	75.73, 38.00, -31.38
CIE LCh	76, 49.286, 320.450
Yxy	49.4450, 0.3034, 0.2424
Android (android.graphics.Color)	4293239797 (0xFFE5A3F5)
YUV	192.0820, 26.0886, 32.3771
Hunter-Lab	70.3171, 34.0572, -28.9138

Details

The RGB color **229, 163, 245** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **179, 245, 163**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 219, 255**, and **172, 110, 188** is the 20% darker color. If you saturate the color by 10%, you get **224, 139, 245**, and if you desaturate by 10%, it is **234, 187, 245**.

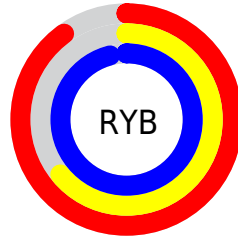
Distribution



Red (90%)

Green (64%)

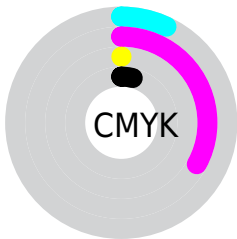
Blue (96%)



Red (90%)

Yellow (64%)

Blue (96%)

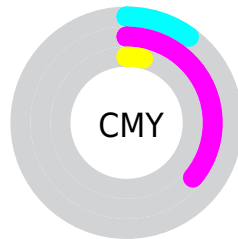


Cyan (7%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (36%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RGB color 229, 163, 245 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, 163, 245 by changing the saturation by 10% instead.


 229, 163, 245

 229, 163, 245

255, 255, 255

 200, 136, 216

 255, 219, 255

 172, 110, 188

 255, 247, 255

 145, 85, 161

 118, 60, 135

 93, 36, 109


 67, 9, 85


 43, 0, 61

 18, 0, 39

 0, 1, 16

 229, 163, 245

 229, 163, 245

 224, 139, 245


 234, 187, 245

 219, 114, 245

 239, 212, 245

 215, 90, 245


 243, 236, 245

 210, 65, 245

 248, 255, 245

 205, 41, 245

 253, 255, 245

 200, 16, 245

 255, 255, 245

 197, 0, 245

Harmonies

Analogous

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



168, 180, 255



229, 163, 245



255, 151, 203

Triad

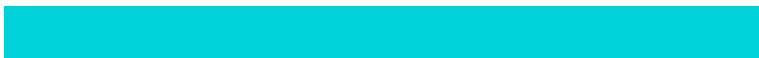
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 163, 245



227, 179, 96



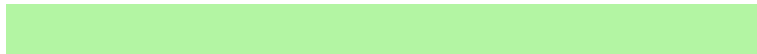
0, 210, 217

Complementary

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



229, 163, 245



179, 245, 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.



55, 209, 170



229, 163, 245



184, 194, 99

Square

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



229, 163, 245



255, 163, 118



131, 204, 127



0, 206, 255

Rectangle

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



229, 163, 245



255, 149, 172



131, 204, 127



0, 210, 202

Sweetspot

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



229, 163, 245



250, 230, 255



163, 179, 245



125, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 163, 245



235, 153, 255



245, 163, 220



120, 110, 122



150, 0, 186



47, 0, 59

Inverse Universe

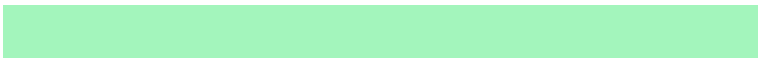
The Inverse Universe completely reimagines the original color for something new.



245, 163, 179



255, 153, 173



163, 245, 188



122, 110, 113



186, 0, 36



59, 0, 11

Previews

White Background



This preview shows how the RGB color 229, 163, 245 looks on a white background.

Color Contrast Check

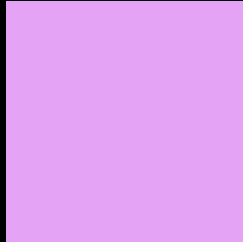
Large Text (above 18pt) WCAG AA × Fail

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, 163, 245 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, 163, 245 Background



This preview shows how black text looks on a background with the RGB color 229, 163, 245.

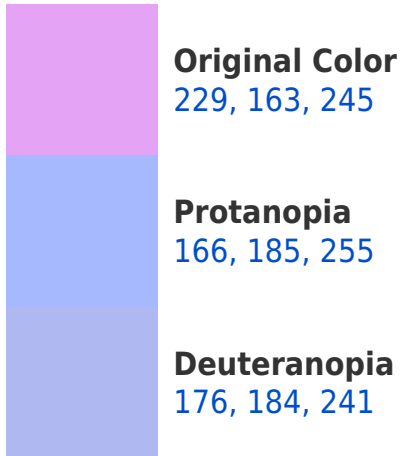


This preview shows how white text looks on a background with the RGB color 229, 163, 245.

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, 174, 188

Trichromacy



Original Color
229, 163, 245



Protanomaly
189, 177, 251



Deuteranomaly
195, 176, 242



Tritanomaly
224, 170, 209

Monochromacy



Original Color
229, 163, 245



Achromatopsia
192, 192, 192



Achromatomaly
205, 181, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 163, 245 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, 163, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 163, 245)  
}
```

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, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 163, 245) }
```

Border

The CSS property to change the border of an element to RGB 229, 163, 245 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, 163, 245) }
```

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

```
.border{ border-color:rgb(229, 163, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 163, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 163,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 229, 163, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 163, 245) }
```

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

```
.background{ background-color: rgb(229,  
163, 245) }
```

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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