

Converting Colors

RGB(228, 169, 230)

Have a look what the booklet for
RGB(228, 169, 230) contains.

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Color

RGB(228, 169, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E4A9E6
RGB	228, 169, 230
RGB Percent	89%, 66%, 90%
CMY	0.1059, 0.3373, 0.0980
CMYK	0.01, 0.27, 0.00, 0.10
HSL	298°, 55%, 78%
HSV	298°, 27%, 90%
XYZ	60.4658, 50.5831, 81.4395
YIQ	193.5950, 15.5830, 31.4790

Conversions

Conversions Part 2

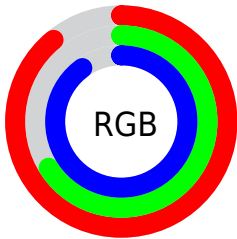
Format	Color
R _Y B	228, 169, 230
Decimal	14985702
CIE Lab	76.43, 31.64, -22.19
CIE LCh	76, 38.645, 324.953
Yxy	50.5831, 0.3141, 0.2628
Android (android.graphics.Color)	4293175782 (0xFFE4A9E6)
YUV	193.5950, 17.9477, 30.1732
Hunter-Lab	71.1218, 27.2927, -18.1060

Details

The RGB color **228, 169, 230** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 230, 169**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 225, 255**, and **172, 116, 174** is the 20% darker color. If you saturate the color by 10%, you get **227, 146, 230**, and if you desaturate by 10%, it is **229, 192, 230**.

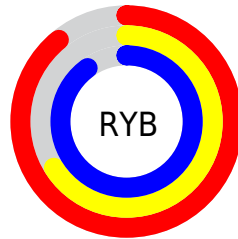
Distribution



Red (89%)

Green (66%)

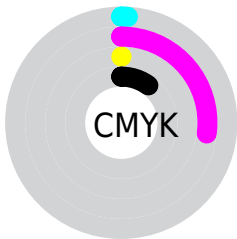
Blue (90%)



Red (89%)

Yellow (66%)

Blue (90%)

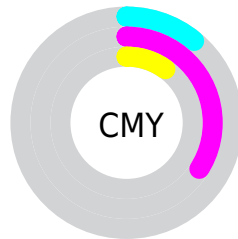


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (34%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 169, 230 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 228, 169, 230 by changing the saturation by 10% instead.


 228, 169, 230

255, 255, 255

 255, 225, 255

255, 254, 255


 228, 169, 230


 200, 142, 202

 172, 116, 174

 145, 91, 148

 118, 66, 122

 93, 43, 97

 68, 19, 73


 45, 0, 50

 20, 0, 29

 0, 0, 0

 228, 169, 230

 228, 169, 230

 227, 146, 230


 229, 192, 230

 226, 123, 230


 230, 215, 230

 226, 100, 230


 230, 238, 230

 225, 77, 230

 231, 255, 230

 224, 54, 230

 232, 255, 230

 223, 31, 230

 233, 255, 230

 223, 8, 230

 233, 255, 230

 222, 0, 230

 234, 255, 230

 235, 255, 230

Harmonies

Analogous

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



184, 182, 253



228, 169, 230



253, 162, 196

Triad

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



228, 169, 230



218, 184, 117



54, 207, 217

Complementary

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



228, 169, 230



171, 230, 169

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.



95, 207, 181



228, 169, 230



182, 195, 123

Square

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



228, 169, 230



245, 172, 131



140, 203, 146



70, 203, 246

Rectangle

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



228, 169, 230



255, 161, 172



140, 203, 146



65, 208, 206

Sweetspot

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



228, 169, 230



254, 235, 255



169, 171, 230



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 169, 230



252, 173, 255



230, 169, 202



114, 103, 115



173, 0, 179



49, 0, 51

Inverse Universe

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



230, 169, 171



255, 173, 176



169, 230, 197



115, 103, 104



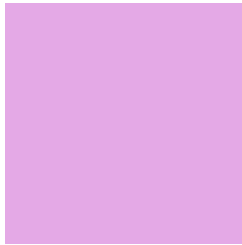
179, 0, 6



51, 0, 2

Previews

White Background



This preview shows how the RGB color 228, 169, 230 looks on a white background.

Color Contrast Check

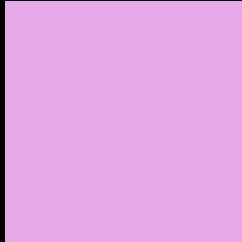
Large Text (above 18pt) WCAG AA × Fail

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 228, 169, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

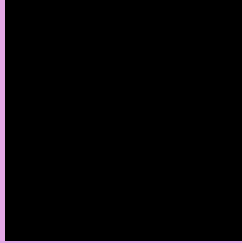
Any Text WCAG AA ✓ Pass

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 228, 169, 230 Background



This preview shows how black text looks on a background with the RGB color 228, 169, 230.



This preview shows how white text looks on a background with the RGB color 228, 169, 230.

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
228, 169, 230

Protanopia
174, 187, 243

Deuteranopia
188, 185, 227



Tritanopia
222, 176, 190

Trichromacy



Original Color

228, 169, 230



Protanomaly

194, 180, 238



Deuteranomaly

203, 179, 228



Tritanomaly

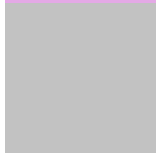
224, 173, 205

Monochromacy



Original Color

228, 169, 230



Achromatopsia

194, 194, 194



Achromatomaly

206, 185, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 169, 230 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(228, 169, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 169, 230)  
}
```

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(228, 169, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 169, 230) }
```

Border

The CSS property to change the border of an element to RGB 228, 169, 230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

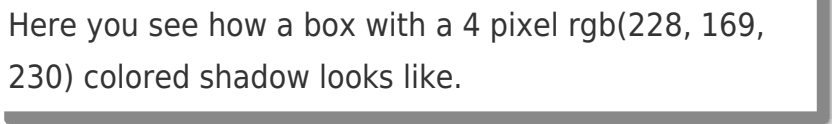
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 169, 230) }
```

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

```
.border{ border-color:rgb(228, 169, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 169, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 169, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 169, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 169,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 228, 169, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 169, 230) }
```

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

```
.background{ background-color: rgb(228,  
169, 230) }
```

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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