

Converting Colors

RGB(228, 97, 207)

Have a look what the booklet for
RGB(228, 97, 207) contains.

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Color

RGB(228, 97, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E461CF
RGB	228, 97, 207
RGB Percent	89%, 38%, 81%
CMY	0.1059, 0.6196, 0.1882
CMYK	0.00, 0.57, 0.09, 0.11
HSL	310°, 71%, 64%
HSV	310°, 57%, 89%
XYZ	47.5321, 29.5484, 62.2297
YIQ	148.7090, 42.7660, 61.9820

Conversions

Conversions Part 2

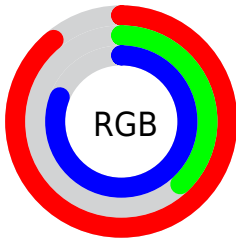
Format	Color
R _Y B	228, 97, 207
Decimal	14967247
CIE Lab	61.26, 63.85, -32.76
CIE LCh	61, 71.762, 332.835
Yxy	29.5484, 0.3412, 0.2121
Android (android.graphics.Color)	4293157327 (0xFFE461CF)
YUV	148.7090, 28.7375, 69.5382
Hunter-Lab	54.3584, 60.9568, -29.8245

Details

The RGB color **228, 97, 207** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **97, 228, 118**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 153, 255**, and **170, 36, 152** is the 20% darker color. If you saturate the color by 10%, you get **228, 74, 203**, and if you desaturate by 10%, it is **228, 120, 211**.

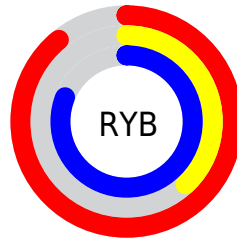
Distribution



Red (89%)

Green (38%)

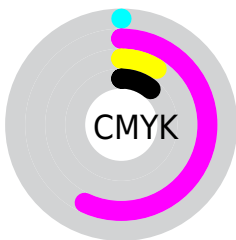
Blue (81%)



Red (89%)

Yellow (38%)

Blue (81%)

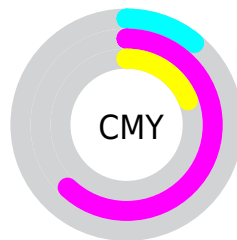


Cyan (0%)

Magenta (57%)

Yellow (9%)

Black (11%)



Cyan (11%)
















Magenta (62%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 97, 207 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, 97, 207 by changing the saturation by 10% instead.

 228, 97, 207	 228, 97, 207
255, 255, 255	 199, 68, 179
 255, 153, 255	 170, 36, 152
 255, 182, 255	 141, 0, 126
 255, 211, 255	 113, 0, 101
 255, 241, 255	 86, 0, 76
	 61, 0, 53
	 32, 0, 31
	 0, 0, 1
	 0, 0, 0

■ 228, 97, 207

■ 228, 97, 207

■ 228, 74, 203

■ 228, 120, 211

■ 228, 51, 200

■ 228, 143, 214

■ 228, 29, 196

■ 228, 165, 218

■ 228, 6, 192

■ 228, 188, 222

■ 228, 0, 191

■ 228, 211, 225

■ 228, 234, 229

■ 228, 255, 233

■ 228, 255, 236

■ 228, 255, 240

Harmonies

Analogous

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



154, 128, 255



228, 97, 207



255, 79, 145

Triad

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



228, 97, 207



172, 147, 0



0, 176, 215

Complementary

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



228, 97, 207



97, 228, 118

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.



0, 177, 152



228, 97, 207



107, 164, 18

Square

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



228, 97, 207



222, 122, 23



0, 173, 86



0, 169, 255

Rectangle

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



228, 97, 207



255, 86, 103



0, 173, 86



0, 177, 195

Sweetspot

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



228, 97, 207



255, 212, 248



117, 97, 228



128, 102, 123



0, 0, 0



128, 128, 128

Same Dimension

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



228, 97, 207



255, 79, 227



228, 97, 143



115, 103, 113



179, 0, 150



51, 0, 43

Inverse Universe

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



228, 97, 207



255, 79, 227



97, 228, 182



115, 103, 113



179, 0, 150



51, 0, 43

Previews

White Background



This preview shows how the RGB color 228, 97, 207 looks on a white background.

Color Contrast Check

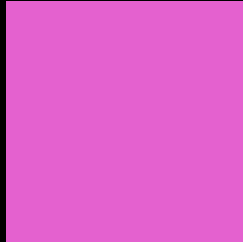
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97, 207 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 × Fail

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

RGB 228, 97, 207 Background



This preview shows how black text looks on a background with the RGB color 228, 97, 207.

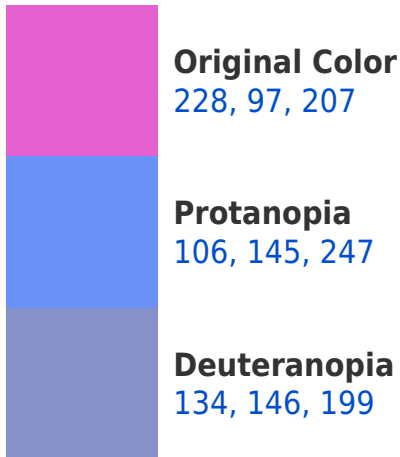


This preview shows how white text looks on a background with the RGB color 228, 97, 207.

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
219, 118, 126

Trichromacy



Original Color

228, 97, 207



Protanomaly

150, 128, 232



Deuteranomaly

168, 128, 202



Tritanomaly

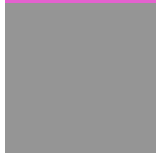
222, 110, 155

Monochromacy



Original Color

228, 97, 207



Achromatopsia

149, 149, 149



Achromatomaly

178, 130, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 97, 207 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, 97, 207)` looks like.

```
.text, #text, p{  
  color:rgb(228, 97, 207)  
}
```

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, 97, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 97, 207) }
```

Border

The CSS property to change the border of an element to RGB 228, 97, 207 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, 97, 207) }
```

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

```
.border{ border-color:rgb(228, 97, 207) }
```

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

Here you see how a box with a 4 pixel rgb(228, 97, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 97, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 97, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 97,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 228, 97, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 97, 207) }
```

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

```
.background{ background-color: rgb(228, 97,  
207) }
```

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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