

Converting Colors

RGB(230, 127, 199)

Have a look what the booklet for
RGB(230, 127, 199) contains.

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Color

RGB(230, 127, 199)

Conversions

Conversions Part 1

Format	Color
Hex	E67FC7
RGB	230, 127, 199
RGB Percent	90%, 50%, 78%
CMY	0.0980, 0.5020, 0.2196
CMYK	0.00, 0.45, 0.13, 0.10
HSL	318°, 67%, 70%
HSV	318°, 45%, 90%
XYZ	50.5313, 36.1253, 58.3424
YIQ	166.0050, 38.2760, 44.2280

Conversions

Conversions Part 2

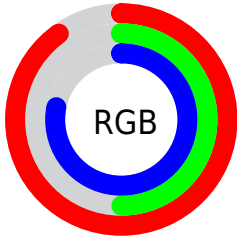
Format	Color
R _Y B	230, 127, 199
Decimal	15105991
CIE Lab	66.62, 48.95, -20.00
CIE LCh	67, 52.880, 337.772
Yxy	36.1253, 0.3485, 0.2491
Android (android.graphics.Color)	4293296071 (0xFFE67FC7)
YUV	166.0050, 16.2665, 56.1236
Hunter-Lab	60.1043, 44.8873, -15.4790

Details

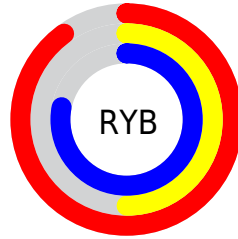
The RGB color **230, 127, 199** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **127, 230, 158**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 182, 255**, and **172, 74, 145** is the 20% darker color. If you saturate the color by 10%, you get **230, 104, 192**, and if you desaturate by 10%, it is **230, 150, 206**.

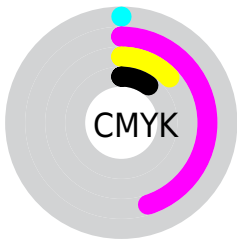
Distribution



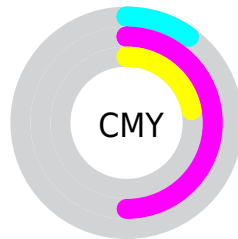
- Red (90%)
- Green (50%)
- Blue (78%)



- Red (90%)
- Yellow (50%)
- Blue (78%)



- Cyan (0%)
- Magenta (45%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RGB color 230, 127, 199 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 230, 127, 199 by changing the saturation by 10% instead.

 230, 127, 199

255, 255, 255

 255, 182, 255

 255, 210, 255

 255, 239, 255

 230, 127, 199

 201, 100, 172


 172, 74, 145

 145, 47, 119

 117, 15, 94

 91, 0, 70

 65, 0, 48

 41, 0, 27


 0, 0, 0


 230, 127, 199


 230, 127, 199


 230, 104, 192


 230, 150, 206

 230, 81, 185


 230, 173, 213

 230, 58, 178

 230, 196, 220

 230, 35, 171

 230, 219, 227

 230, 12, 164

 230, 242, 234

 230, 0, 161

 230, 255, 241

 230, 255, 247

 230, 255, 254

 230, 255, 255

Harmonies

Analogous

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



182, 144, 237



230, 127, 199



250, 120, 151

Triad

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



230, 127, 199



177, 163, 63



0, 184, 219

Complementary

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



230, 127, 199



127, 230, 158

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, 186, 173



230, 127, 199



127, 176, 83

Square

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



230, 127, 199



218, 147, 73



52, 183, 124



0, 177, 249

Rectangle

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



230, 127, 199



249, 125, 120



52, 183, 124



0, 185, 205

Sweetspot

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



230, 127, 199



255, 222, 245



158, 127, 230



128, 107, 121



0, 0, 0



128, 128, 128

Same Dimension

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



230, 127, 199



255, 117, 214



230, 127, 148



115, 103, 111



179, 0, 125



51, 0, 36

Inverse Universe

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



230, 127, 199



255, 117, 214



127, 230, 209



115, 103, 111



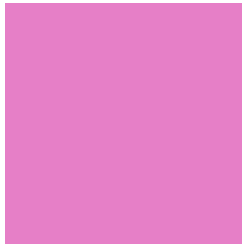
179, 0, 125



51, 0, 36

Previews

White Background



This preview shows how the RGB color 230, 127, 199 looks on a white background.

Color Contrast Check

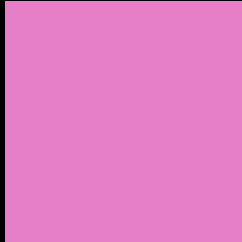
Large Text (above 18pt) WCAG AA × Fail

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 230, 127, 199 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 230, 127, 199 Background



This preview shows how black text looks on a background with the RGB color 230, 127, 199.



This preview shows how white text looks on a background with the RGB color 230, 127, 199.

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
230, 127, 199

Protanopia
144, 160, 223

Deuteranopia
163, 159, 193



Tritanopia
224, 138, 148

Trichromacy



Original Color

230, 127, 199



Protanomaly

175, 148, 214



Deuteranomaly

187, 147, 195



Tritanomaly

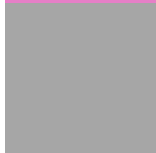
226, 134, 167

Monochromacy



Original Color

230, 127, 199



Achromatopsia

166, 166, 166



Achromatomaly

189, 152, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 127, 199 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(230, 127, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 199)  
}
```

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(230, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 199) }
```

Border

The CSS property to change the border of an element to RGB 230, 127, 199 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(230, 127, 199) }
```

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

```
.border{ border-color:rgb(230, 127, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 127, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 127, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 127, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 127,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 230, 127, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 127, 199) }
```

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

```
.background{ background-color: rgb(230,  
127, 199) }
```

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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