

Converting Colors

RGB(227, 121, 238)

Have a look what the booklet for
RGB(227, 121, 238) contains.

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Color

RGB(227, 121, 238)

Conversions

Conversions Part 1

Format	Color
Hex	E379EE
RGB	227, 121, 238
RGB Percent	89%, 47%, 93%
CMY	0.1098, 0.5255, 0.0667
CMYK	0.05, 0.49, 0.00, 0.07
HSL	294°, 77%, 70%
HSV	294°, 49%, 93%
XYZ	53.9485, 36.1787, 85.0287
YIQ	166.0320, 25.6190, 58.8590

Conversions

Conversions Part 2

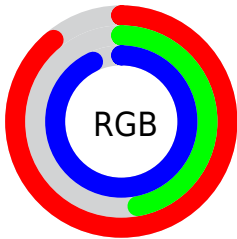
Format	Color
R_{YB}	227, 121, 238
Decimal	14907886
CIE _{Lab}	66.66, 57.71, -41.66
CIE _{LCh}	67, 71.176, 324.171
Yxy	36.1787, 0.3080, 0.2066
Android (android.graphics.Color)	4293097966 (0xFFE379EE)
YUV	166.0320, 35.4802, 53.4689
Hunter-Lab	60.1487, 54.8398, -41.7107

Details

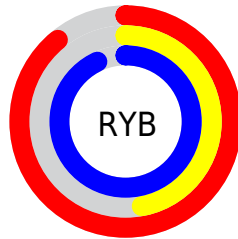
The RGB color **227, 121, 238** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **132, 238, 121**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 177, 255**, and **169, 66, 182** is the 20% darker color. If you saturate the color by 10%, you get **225, 97, 238**, and if you desaturate by 10%, it is **229, 145, 238**.

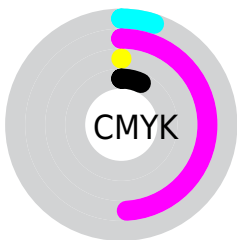
Distribution



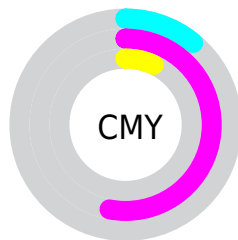
- Red (89%)
- Green (47%)
- Blue (93%)



- Red (89%)
- Yellow (47%)
- Blue (93%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 121, 238 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 227, 121, 238 by changing the saturation by 10% instead.


 227, 121, 238

255, 255, 255

 255, 177, 255


 255, 205, 255

 255, 234, 255

 227, 121, 238

 198, 94, 209

 169, 66, 182

 141, 37, 154

 114, 0, 128

 87, 0, 102

 60, 0, 78

 36, 0, 54

 0, 2, 32

 0, 0, 3

■ 227, 121, 238

■ 227, 121, 238

■ 225, 97, 238

■ 229, 145, 238

■ 223, 73, 238

■ 231, 169, 238

■ 220, 50, 238

■ 234, 192, 238

■ 218, 26, 238

■ 236, 216, 238

■ 216, 2, 238

■ 238, 240, 238

■ 216, 0, 238

■ 240, 255, 238

■ 243, 255, 238

■ 245, 255, 238

■ 247, 255, 238

Harmonies

Analogous

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



137, 151, 255



227, 121, 238



255, 99, 177

Triad

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



227, 121, 238



204, 155, 0



0, 192, 213

Complementary

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



227, 121, 238



132, 238, 121

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, 191, 147



227, 121, 238



143, 174, 22

Square

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



227, 121, 238



250, 129, 57



48, 186, 82



0, 187, 255

Rectangle

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



227, 121, 238



255, 98, 134



48, 186, 82



0, 192, 192

Sweetspot

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



227, 121, 238



251, 217, 255



121, 133, 238



125, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 121, 238



241, 105, 255



238, 121, 191



119, 108, 120



166, 0, 184



51, 0, 56

Inverse Universe

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



238, 121, 132



255, 105, 119



121, 238, 168



120, 108, 109



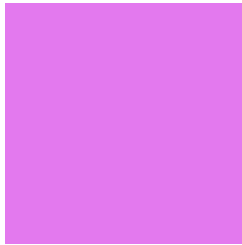
184, 0, 17



56, 0, 5

Previews

White Background



This preview shows how the RGB color 227, 121, 238 looks on a white background.

Color Contrast Check

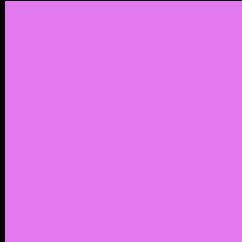
Large Text (above 18pt) WCAG AA × Fail

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 227, 121, 238 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 227, 121, 238 Background



This preview shows how black text looks on a background with the RGB color 227, 121, 238.

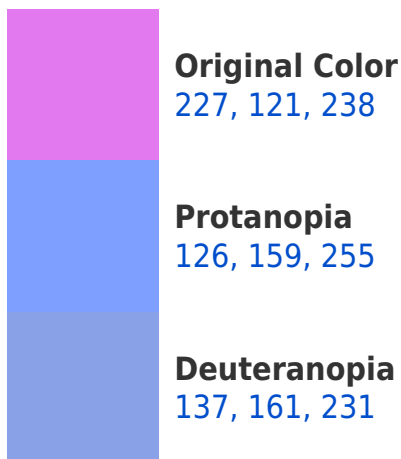


This preview shows how white text looks on a background with the RGB color 227, 121, 238.

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
216, 142, 152

Trichromacy



Original Color

227, 121, 238



Protanomaly

163, 145, 249



Deuteranomaly

170, 146, 234



Tritanomaly

220, 134, 183

Monochromacy



Original Color

227, 121, 238



Achromatopsia

166, 166, 166



Achromatomaly

188, 150, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 121, 238 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(227, 121, 238)` looks like.

```
.text, #text, p{  
    color:rgb(227, 121, 238)  
}
```

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(227, 121, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 121, 238) }
```

Border

The CSS property to change the border of an element to RGB 227, 121, 238 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(227, 121, 238) }
```

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

```
.border{ border-color:rgb(227, 121, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 121, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 121, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 121, 238);  
box-shadow:4px 4px 4px 4px rgb(227, 121,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 227, 121, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 121, 238) }
```

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

```
.background{ background-color: rgb(227,  
121, 238) }
```

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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