

# Converting Colors

Hex(E27BC9)

Have a look what the booklet for  
Hex(E27BC9) contains.

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# **Color**

**Hex(E27BC9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E27BC9                     |
| RGB           | 226, 123, 201              |
| RGB Percent   | 89%, 48%, 79%              |
| CMY           | 0.1137, 0.5176, 0.2118     |
| CMYK          | 0.00, 0.46, 0.11, 0.11     |
| HSL           | 315°, 64%, 68%             |
| HSV           | 315°, 46%, 89%             |
| XYZ           | 48.9896, 34.5517, 59.3455  |
| YIQ           | 162.6890, 36.3500, 46.0940 |

# Conversions

## Conversions Part 2

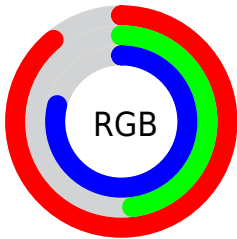
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 226, 123, 201                 |
| Decimal                             | 14842825                      |
| CIE Lab                             | 65.40, 50.04, -23.03          |
| CIE LCh                             | 65, 55.081, 335.286           |
| Yxy                                 | 34.5517, 0.3429,<br>0.2418    |
| Android<br>(android.graphics.Color) | 4293032905<br>(0xFFE27BC9)    |
| YUV                                 | 162.6890, 18.8873,<br>55.5237 |
| Hunter-Lab                          | 58.7807, 45.9010,<br>-18.7131 |

# Details

The Hex color **E27BC9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BE294**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB2FF**, and **A94693** is the 20% darker color. If you saturate the color by 10%, you get **E264C4**, and if you desaturate by 10%, it is **E292CE**.

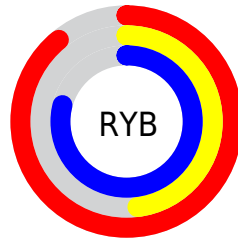
# Distribution



Red (89%)

Green (48%)

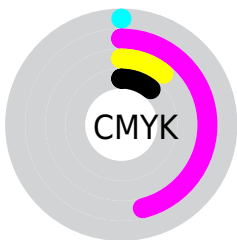
Blue (79%)



Red (89%)

Yellow (48%)

Blue (79%)

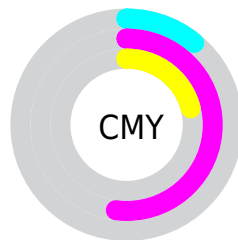


Cyan (0%)

Magenta (46%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E27BC9 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 Hex color E27BC9 by changing the saturation by 10% instead.



 E27BC9

 E27BC9

FFFFFF

 C560AE

 FF2FF

 A94693

 FFCEFF

 8D2A79

 FFEBFF

 720760

 570048

 3D0031

 25001C

 000000

 E27BC9

 E27BC9

 E264C4

 E292CE

 E24EBE

 E2A8D4

 E237B9

 E2BFD9

 E221B3

 E2D5DF

 E20AAE

 E2ECE4

 E200AB

 E2FFEA

 E2FFEF

 E2FFF5

 E2FFFA

# Harmonies

## Analogous

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



AD8EF0



E27BC9



F97398

# Triad

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



E27BC9



B29F36



00B6D6

# Complementary

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



E27BC9



7BE294

# 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.



00B7A6



E27BC9



7EAC4A

# Square

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



E27BC9



DB8D44



30B474



00AFF8

# Rectangle

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



E27BC9



F97777



30B474



00B7C7



# Sweetspot

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



E27BC9



FFDBF6



937BE2



806A7A



000000



808080



# Same Dimension

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



E27BC9



FF73DD



E27B96



70656D



B00085



300025



# Inverse Universe

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



E27BC9



FF73DD



7BE2C7



70656D



B00085



300025



# Previews

## White Background



This preview shows how the Hex color E27BC9 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

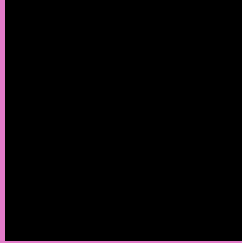
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E27BC9 Background



This preview shows how black text looks on a background with the Hex color E27BC9.

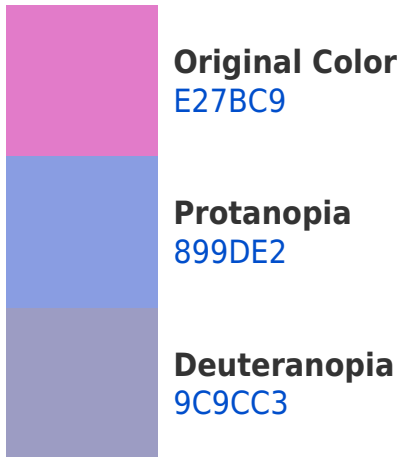



This preview shows how white text looks on a background with the Hex color E27BC9.

# 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**  
DC8791

# Trichromacy



**Original Color**  
E27BC9



**Protanomaly**  
A991D9



**Deuteranomaly**  
B590C5

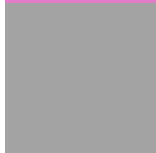


**Tritanomaly**  
DE83A5

# Monochromacy



**Original Color**  
E27BC9



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
BA94B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E27BC9 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 #E27BC9 looks like.

```
.text, #text, p{  
    color:#E27BC9  
}
```

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 #E27BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27BC9
}
```

## Border

The CSS property to change the border of an element to Hex E27BC9 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
#E27BC9 }
```

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

```
.border{ border-color:#E27BC9 }
```

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

Here you see how a box with a 4 pixel #E27BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27BC9; -webkit-box-shadow:4px 4px  
4px 4px #E27BC9; box-shadow:4px 4px 4px  
4px #E27BC9 }
```

# Background

The CSS property to change the background color of an element to Hex E27BC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27BC9 }
```

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

```
.background{ background-color:#E27BC9 }
```

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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