

# Converting Colors

Hex(E27CA0)

Have a look what the booklet for  
Hex(E27CA0) contains.

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**Color**

**Hex(E27CA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E27CA0
RGB	226, 124, 160
RGB Percent	89%, 49%, 63%
CMY	0.1137, 0.5137, 0.3725
CMYK	0.00, 0.45, 0.29, 0.11
HSL	339°, 64%, 69%
HSV	339°, 45%, 89%
XYZ	44.9168, 33.1221, 37.2835
YIQ	158.6020, 49.2360, 32.8200

# Conversions

## Conversions Part 2

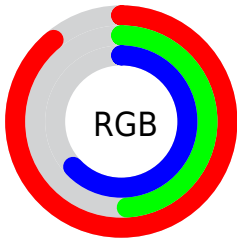
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 124, 160
Decimal	14843040
CIE <sub>Lab</sub>	64.26, 43.51, -1.54
CIE <sub>LCh</sub>	64, 43.538, 357.970
Yxy	33.1221, 0.3895, 0.2872
Android (android.graphics.Color)	4293033120 (0xFFE27CA0)
YUV	158.6020, 0.6892, 59.1080
Hunter-Lab	57.5518, 38.5963, 1.8767

# Details

The Hex color **E27CA0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7CE2BE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB3D7**, and **A8486D** is the 20% darker color. If you saturate the color by 10%, you get **E26591**, and if you desaturate by 10%, it is **E293AF**.

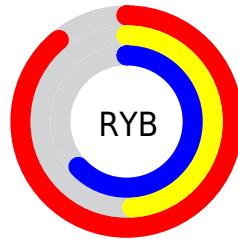
# Distribution



Red (89%)

Green (49%)

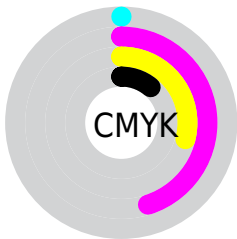
Blue (63%)



Red (89%)

Yellow (49%)

Blue (63%)

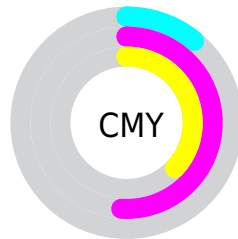


Cyan (0%)

Magenta (45%)

Yellow (29%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E27CA0 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 E27CA0 by changing the saturation by 10% instead.



 E27CA0

 E27CA0

FFFFFF

 C56286

 FFB3D7

 A8486D

 FFCFF3

 8C2D54

 FFECFF

 70103D

 550028

 3C0013

 210001

 000000

 E27CA0

 E27CA0

 E26591

 E293AF

 E24F83

 E2A9BD

 E23874

 E2C0CC

 E22266

 E2D6DA

 E20B57

 E2EDE9

 E20050

 E2FFF8

 E2FFFF

# Harmonies

## Analogous

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



CA84C6



E27CA0



E47F79

# Triad

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



E27CA0



8FA455



00AADD

# Complementary

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



E27CA0



7CE2BE

# 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.



00AFBF



E27CA0



5FAC71

# Square

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



E27CA0



B6994C



00B098



54A1E9

# Rectangle

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



E27CA0



DB8664



00B098



00ACD4



# Sweetspot

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



E27CA0



FFDBE8



BD7CE2



806A71



000000



808080



# Same Dimension

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



E27CA0



FF75A6



E28A7C



706569



B0003E



300011



# Inverse Universe

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



E27CA0



FF75A6



7CD4E2



706569



B0003E



300011



# Previews

## White Background



This preview shows how the Hex color E27CA0 looks on a white background.

## Color Contrast Check

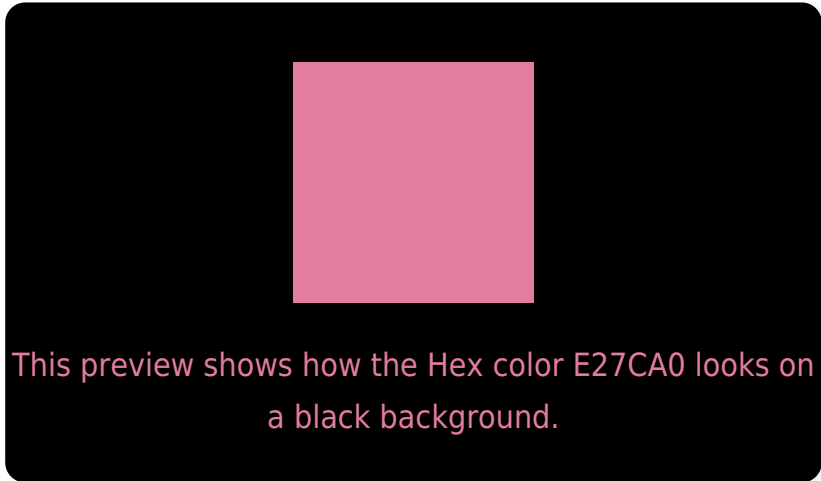
Large Text (above 18pt) WCAG AA × Fail

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 E27CA0 Background



This preview shows how black text looks on a background with the Hex color E27CA0.



This preview shows how white text looks on a background with the Hex color E27CA0.

# 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**  
E27CA0

**Protanopia**  
989BB3

**Deuteranopia**  
AB979B



**Tritanopia**  
E0808A

# Trichromacy



**Original Color**  
E27CA0



**Protanomaly**  
B390AC



**Deuteranomaly**  
BF8D9D

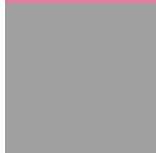


**Tritanomaly**  
E17F92

# Monochromacy



**Original Color**  
E27CA0



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
B7929F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E27CA0 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 #E27CA0 looks like.

```
.text, #text, p{  
    color:#E27CA0  
}
```

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 #E27CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27CA0
}
```

## Border

The CSS property to change the border of an element to Hex E27CA0 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
#E27CA0 }
```

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

```
.border{ border-color:#E27CA0 }
```

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

Here you see how a box with a 4 pixel #E27CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27CA0; -webkit-box-shadow:4px 4px  
4px 4px #E27CA0; box-shadow:4px 4px 4px  
4px #E27CA0 }
```

# Background

The CSS property to change the background color of an element to Hex E27CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27CA0 }
```

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

```
.background{ background-color:#E27CA0 }
```

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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