

Converting Colors

Hex(E27ECA)

Have a look what the booklet for
Hex(E27ECA) contains.

Hex(E27ECA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E27ECA)

Conversions

Conversions Part 1

Format	Color
Hex	E27ECA
RGB	226, 126, 202
RGB Percent	89%, 49%, 79%
CMY	0.1137, 0.5059, 0.2078
CMYK	0.00, 0.44, 0.11, 0.11
HSL	314°, 63%, 69%
HSV	314°, 44%, 89%
XYZ	49.4856, 35.3547, 60.0931
YIQ	164.5640, 35.2040, 44.8360

Conversions

Conversions Part 2

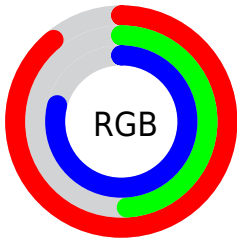
Format	Color
R _{YB}	226, 126, 202
Decimal	14843594
CIE _{Lab}	66.02, 48.69, -22.63
CIE _{LCh}	66, 53.690, 335.068
Yxy	35.3547, 0.3414, 0.2439
Android (android.graphics.Color)	4293033674 (0xFFE27ECA)
YUV	164.5640, 18.4559, 53.8794
Hunter-Lab	59.4598, 44.5022, -18.2995

Details

The Hex color **E27ECA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7EE296**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB5FF**, and **A94994** is the 20% darker color. If you saturate the color by 10%, you get **E267C5**, and if you desaturate by 10%, it is **E295CF**.

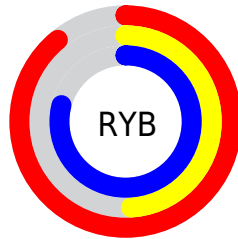
Distribution



Red (89%)

Green (49%)

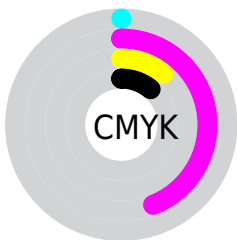
Blue (79%)



Red (89%)

Yellow (49%)

Blue (79%)

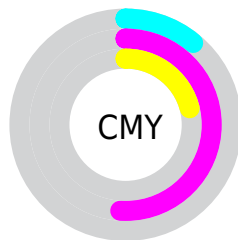


Cyan (0%)

Magenta (44%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color E27ECA 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 E27ECA by changing the saturation by 10% instead.

 E27ECA

 E27ECA

FFFFFF

 C563AF

 FF55FF

 A94994

 FFD1FF

 8D2E7A

 FFEEFF

 720F61

 570049

 3E0032

 26001D

 000000

 E27ECA

 E27ECA

 E267C5

 E295CF

 E251BF

 E2ABD5

 E23ABA

 E2C2DA

 E224B4

 E2D8E0

 E20DAF

 E2EFE5

 E200AC

 E2FFEB

 E2FFF0

 E2FFF5

 E2FFFB

Harmonies

Analogous

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



AE90F0



E27ECA



F9769A

Triad

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



E27ECA



B4A13B



00B7D6

Complementary

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



E27ECA



7EE296

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.



00B8A7



E27ECA



82AE4E

Square

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



E27ECA



DC8F48



39B576



00B0F7

Rectangle

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



E27ECA



F97A7A



39B576



00B8C8

Sweetspot

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



E27ECA



FFDEF7



957EE2



806B7B



000000



808080

Same Dimension

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



E27ECA



FF78DF



E27E99



70656E



B00086



300025

Inverse Universe

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



E27ECA



FF78DF



7EE2C7



70656E



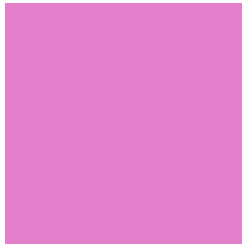
B00086



300025

Previews

White Background



This preview shows how the Hex color E27ECA 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 E27ECA Background



This preview shows how black text looks on a background with the Hex color E27ECA.

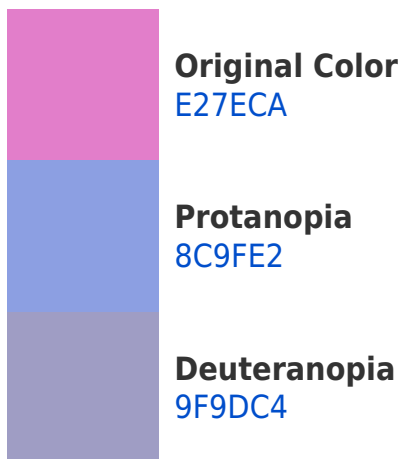



This preview shows how white text looks on a background with the Hex color E27ECA.

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
DC8994

Trichromacy



Original Color
E27ECA



Protanomaly
AB93D9



Deuteranomaly
B792C6

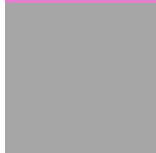


Tritanomaly
DE85A8

Monochromacy



Original Color
E27ECA



Achromatopsia
A5A5A5



Achromatomaly
BB97B2

CSS Examples

Text

The CSS property to change the color of the text to Hex E27ECA 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 #E27ECA looks like.

```
.text, #text, p{  
    color:#E27ECA  
}
```

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 #E27ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27ECA
}
```

Border

The CSS property to change the border of an element to Hex E27ECA 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
#E27ECA }
```

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

```
.border{ border-color:#E27ECA }
```

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

Here you see how a box with a 4 pixel #E27ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27ECA; -webkit-box-shadow:4px 4px  
4px 4px #E27ECA; box-shadow:4px 4px 4px  
4px #E27ECA }
```

Background

The CSS property to change the background color of an element to Hex E27ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27ECA }
```

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

```
.background{ background-color:#E27ECA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor