

Converting Colors

Hex(E27AA8)

Have a look what the booklet for
Hex(E27AA8) contains.

Hex(E27AA8)	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(E27AA8)

Conversions

Conversions Part 1

Format	Color
Hex	E27AA8
RGB	226, 122, 168
RGB Percent	89%, 48%, 66%
CMY	0.1137, 0.5216, 0.3412
CMYK	0.00, 0.46, 0.26, 0.11
HSL	333°, 64%, 68%
HSV	333°, 46%, 89%
XYZ	45.3914, 32.9150, 41.0066
YIQ	158.3400, 47.2180, 36.3540

Conversions

Conversions Part 2

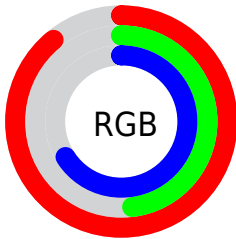
Format	Color
R_{YB}	226, 122, 168
Decimal	14842536
CIE _{Lab}	64.09, 45.60, -6.34
CIE _{LCh}	64, 46.039, 352.083
Yxy	32.9150, 0.3804, 0.2759
Android (android.graphics.Color)	4293032616 (0xFFE27AA8)
YUV	158.3400, 4.7624, 59.3378
Hunter-Lab	57.3716, 40.8260, -2.2177

Details

The Hex color **E27AA8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7AE2B4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB1DF**, and **A84574** is the 20% darker color. If you saturate the color by 10%, you get **E2639B**, and if you desaturate by 10%, it is **E291B5**.

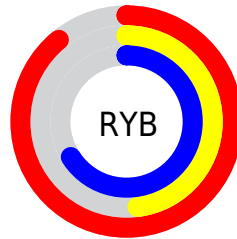
Distribution



Red (89%)

Green (48%)

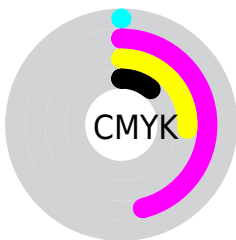
Blue (66%)



Red (89%)

Yellow (48%)

Blue (66%)

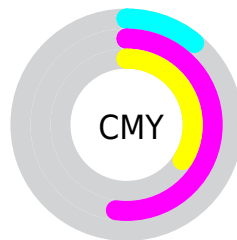


Cyan (0%)

Magenta (46%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color E27AA8 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 E27AA8 by changing the saturation by 10% instead.

 E27AA8

 E27AA8

FFFFFF

 C5608E


 FFB1DF

 A84574

 FFCDFC

 8C2B5B

 FFEAFF

 710A44

 56002E

 3C0019

 220001

 000000

 E27AA8

 E27AA8

 E2639B

 E291B5

 E24D8F

 E2A7C1

 E23682

 E2BECE

 E22076

 E2D4DA

 E20969

 E2EBE7

 E20064

 E2FFF4

 E2FFFF

Harmonies

Analogous

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



C485CE



E27AA8



E97B7F

Triad

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



E27AA8



96A24C



00ACDB

Complementary

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



E27AA8



7AE2B4

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.



00B0B9



E27AA8



65AB67

Square

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



E27AA8



BD9548



05B08F



32A3EC

Rectangle

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



E27AA8



E18266



05B08F



00AED1

Sweetspot

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



E27AA8



FFDBEB



B37AE2



806A73



000000



808080

Same Dimension

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



E27AA8



FF73B1



E27F7A



70656A



B0004E



300015

Inverse Universe

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



E27AA8



FF73B1



7ADDE2



70656A



B0004E



300015

Previews

White Background



This preview shows how the Hex color E27AA8 looks on a white background.

Color Contrast Check

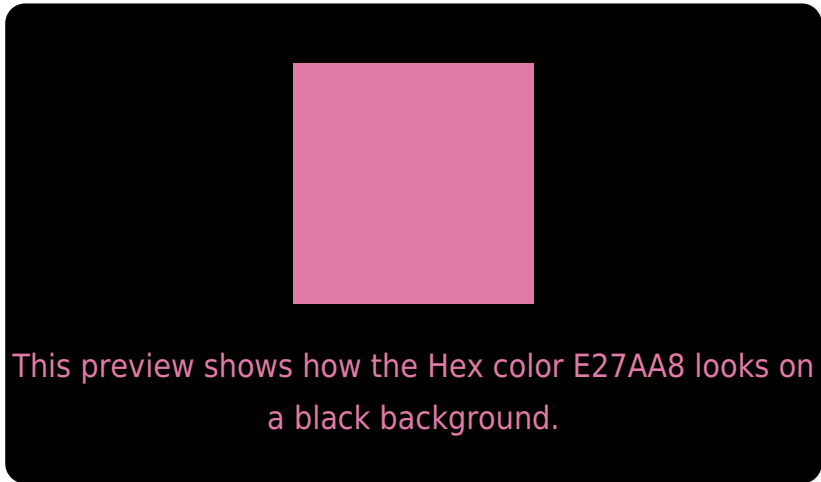
Large Text (above 18pt) WCAG AA × Fail

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 E27AA8 Background



This preview shows how black text looks on a background with the Hex color E27AA8.

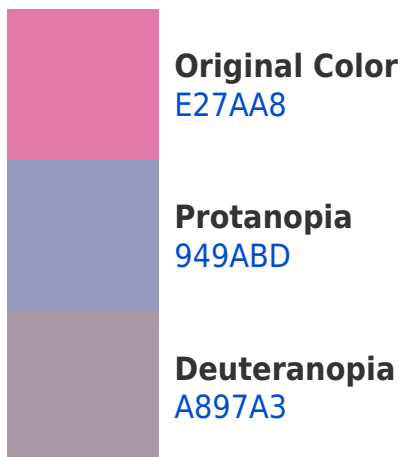


This preview shows how white text looks on a background with the Hex color E27AA8.

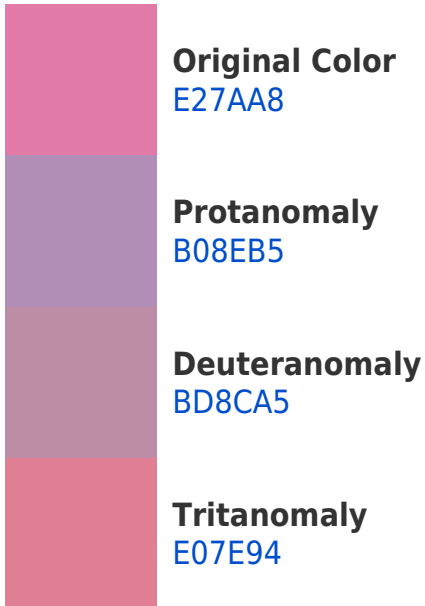
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E27AA8 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 #E27AA8 looks like.

```
.text, #text, p{  
    color:#E27AA8  
}
```

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 #E27AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27AA8
}
```

Border

The CSS property to change the border of an element to Hex E27AA8 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
#E27AA8 }
```

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

```
.border{ border-color:#E27AA8 }
```

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

Here you see how a box with a 4 pixel #E27AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27AA8; -webkit-box-shadow:4px 4px  
4px 4px #E27AA8; box-shadow:4px 4px 4px  
4px #E27AA8 }
```

Background

The CSS property to change the background color of an element to Hex E27AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27AA8 }
```

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

```
.background{ background-color:#E27AA8 }
```

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