

Converting Colors

Hex(E627AF)

Have a look what the booklet for
Hex(E627AF) contains.

Hex(E627AF)	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(E627AF)

Conversions

Conversions Part 1

Format	Color
Hex	E627AF
RGB	230, 39, 175
RGB Percent	90%, 15%, 69%
CMY	0.0980, 0.8471, 0.3137
CMYK	0.00, 0.83, 0.24, 0.10
HSL	317°, 79%, 53%
HSV	317°, 83%, 90%
XYZ	41.0965, 21.3692, 42.5161
YIQ	111.6130, 70.1800, 82.7880

Conversions

Conversions Part 2

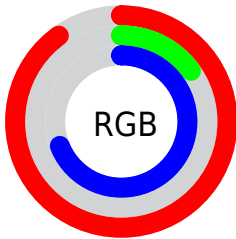
Format	Color
R_{YB}	230, 39, 175
Decimal	15083439
CIE _{Lab}	53.35, 79.16, -26.61
CIE _{LCh}	53, 83.513, 341.419
Yxy	21.3692, 0.3915, 0.2036
Android (android.graphics.Color)	4293273519 (0xFFE627AF)
YUV	111.6130, 31.2498, 103.8254
Hunter-Lab	46.2268, 77.7930, -22.1719

Details

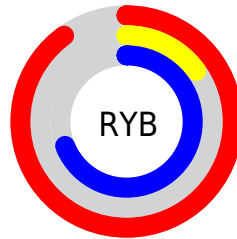
The Hex color **E627AF** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **27E65E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6DE7**, and **AA007A** is the 20% darker color. If you saturate the color by 10%, you get **E610A8**, and if you desaturate by 10%, it is **E63EB6**.

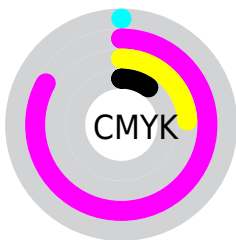
Distribution



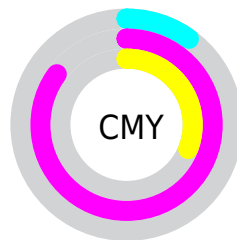
- Red (90%)
- Green (15%)
- Blue (69%)



- Red (90%)
- Yellow (15%)
- Blue (69%)



- Cyan (0%)
- Magenta (83%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (85%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E627AF 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 E627AF by changing the saturation by 10% instead.

 E627AF

 E627AF

FFFFFF

 C80094

 FF6DE7

 AA007A

 FF8BFF

 8C0061

 FFA9FF

 6F0049

 FFC7FF

 530032

 FFE5FF

 36001D

 120000

 000000

 E627AF

 E627AF

 E610A8

 E63EB6

 E600A4

 E655BC

 E66CC3

 E683C9

 E69AD0

 E6B1D7

 E6C8DD

 E6DFE4

 E6F6EB

Harmonies

Analogous

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



A15CED



E627AF



FA0168

Triad

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



E627AF



828500



009CDE

Complementary

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



E627AF



27E65E

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.



009E9A



E627AF



219400

Square

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



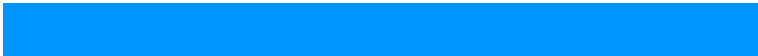
E627AF



BE6B00



009B4E



0094FF

Rectangle

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



E627AF



F23039



009B4E



009DC9

Sweetspot

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



E627AF



FFBFED



5D27E6



805974



000000



808080

Same Dimension

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



E627AF



FF00B6



E62750



73676F



B3007F



330024

Inverse Universe

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



E627AF



FF00B6



27E6BD



73676F



B3007F



330024

Previews

White Background



This preview shows how the Hex color E627AF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex E627AF Background



This preview shows how black text looks on a background with the Hex color E627AF.



This preview shows how white text looks on a background with the Hex color E627AF.

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](#).

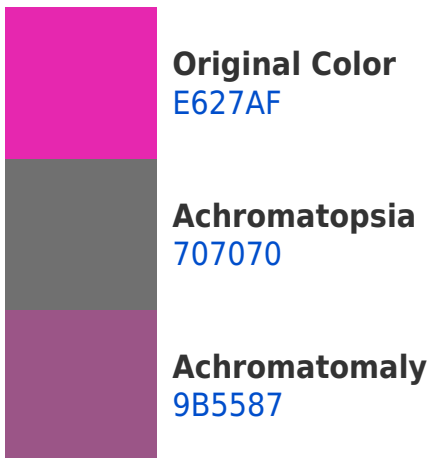
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E627AF 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 #E627AF looks like.

```
.text, #text, p{  
    color:#E627AF  
}
```

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 #E627AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E627AF
}
```

Border

The CSS property to change the border of an element to Hex E627AF 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
#E627AF }
```

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

```
.border{ border-color:#E627AF }
```

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

Here you see how a box with a 4 pixel #E627AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E627AF; -webkit-box-shadow:4px 4px  
4px 4px #E627AF; box-shadow:4px 4px 4px  
4px #E627AF }
```

Background

The CSS property to change the background color of an element to Hex E627AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E627AF }
```

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

```
.background{ background-color:#E627AF }
```

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