

Converting Colors

Hex(E87299)

Have a look what the booklet for
Hex(E87299) contains.

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Color

Hex(E87299)

Conversions

Conversions Part 1

Format	Color
Hex	E87299
RGB	232, 114, 153
RGB Percent	91%, 45%, 60%
CMY	0.0902, 0.5529, 0.4000
CMYK	0.00, 0.51, 0.34, 0.09
HSL	340°, 72%, 68%
HSV	340°, 51%, 91%
XYZ	45.0458, 31.4903, 33.8411
YIQ	153.7280, 57.8090, 37.1450

Conversions

Conversions Part 2

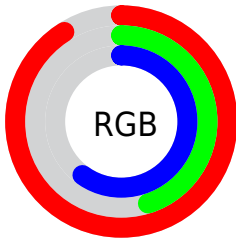
Format	Color
R_{YB}	232, 114, 153
Decimal	15233689
CIE _{Lab}	62.92, 49.66, 0.59
CIE _{LCh}	63, 49.664, 0.684
Yxy	31.4903, 0.4081, 0.2853
Android (android.graphics.Color)	4293423769 (0xFFE87299)
YUV	153.7280, -0.3589, 68.6445
Hunter-Lab	56.1163, 45.0826, 3.5264

Details

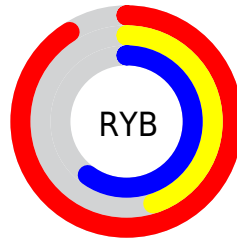
The Hex color **E87299** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72E8C1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA9CF**, and **AD3C66** is the 20% darker color. If you saturate the color by 10%, you get **E85B89**, and if you desaturate by 10%, it is **E889A9**.

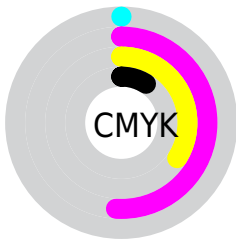
Distribution



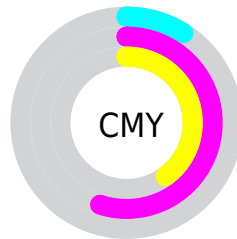
- Red (91%)
- Green (45%)
- Blue (60%)



- Red (91%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color E87299 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 E87299 by changing the saturation by 10% instead.

 E87299

 E87299

FFFFFF

 CA577F

 FFA9CF

 AD3C66

 FFC5EB

 901F4E

 FFE2FF

 740038

 580022

 3F000C

 210001

 000000

 E87299

 E87299

 E85B89

 E889A9

 E8447A

 E8A0B8

 E82C6A

 E8B8C8

 E8155B

 E8CFD7

 E8004D

 E8E6E7

 E8FDF6

 E8FFFF

Harmonies

Analogous

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



CF7BC4



E87299



E8776E

Triad

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



E87299



84A349



00A8E4

Complementary

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



E87299



72E8C1

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.



00ADC4



E87299



49AB6B

Square

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



E87299



B1963C



00AE98



439DF0

Rectangle

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



E87299



DC8155



00AE98



00AADC

Sweetspot

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



E87299



FFD9E5



C172E8



806970



000000



808080

Same Dimension

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



E87299



FF6397



E88672



73676B



B3003B



330011

Inverse Universe

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



E87299



FF6397



72D4E8



73676B



B3003B



330011

Previews

White Background



This preview shows how the Hex color E87299 looks on a white background.

Color Contrast Check

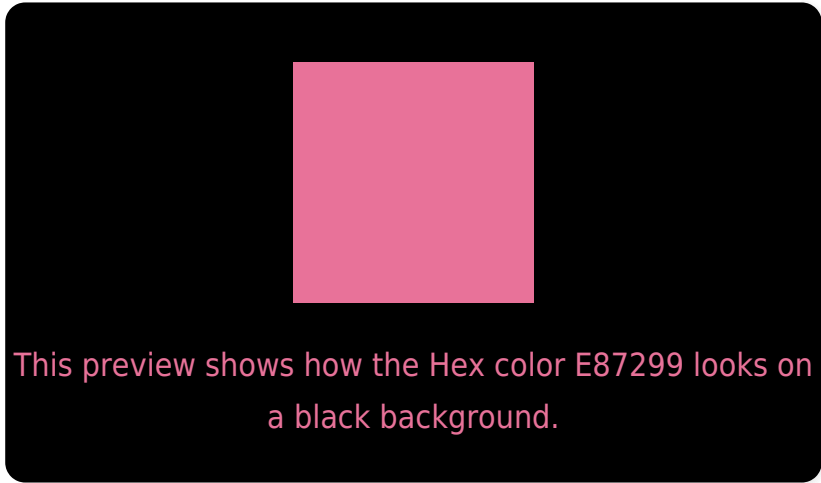
Large Text (above 18pt) WCAG AA × Fail

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 E87299 Background



This preview shows how black text looks on a background with the Hex color E87299.

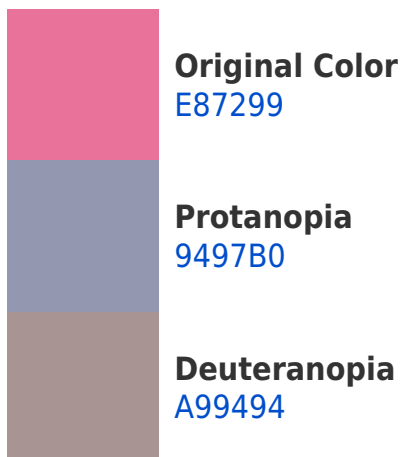



This preview shows how white text looks on a background with the Hex color E87299.

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
E6777F

Trichromacy



Original Color
E87299



Protanomaly
B38AA8



Deuteranomaly
C08896

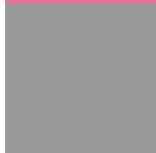


Tritanomaly
E77588

Monochromacy



Original Color
E87299



Achromatopsia
9A9A9A



Achromatomaly
B68B9A

CSS Examples

Text

The CSS property to change the color of the text to Hex E87299 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 #E87299 looks like.

```
.text, #text, p{  
    color:#E87299  
}
```

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 #E87299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87299
}
```

Border

The CSS property to change the border of an element to Hex E87299 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
#E87299 }
```

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

```
.border{ border-color:#E87299 }
```

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

Here you see how a box with a 4 pixel #E87299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87299; -webkit-box-shadow:4px 4px  
4px 4px #E87299; box-shadow:4px 4px 4px  
4px #E87299 }
```

Background

The CSS property to change the background color of an element to Hex E87299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87299 }
```

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

```
.background{ background-color:#E87299 }
```

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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