

Converting Colors

Hex(E86799)

Have a look what the booklet for
Hex(E86799) contains.

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Color

Hex(E86799)

Conversions

Conversions Part 1

Format	Color
Hex	E86799
RGB	232, 103, 153
RGB Percent	91%, 40%, 60%
CMY	0.0902, 0.5961, 0.4000
CMYK	0.00, 0.56, 0.34, 0.09
HSL	337°, 74%, 66%
HSV	337°, 56%, 91%
XYZ	43.8787, 29.1562, 33.4520
YIQ	147.2710, 60.8340, 42.8980

Conversions

Conversions Part 2

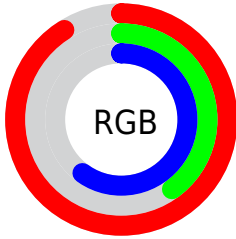
Format	Color
R_{YB}	232, 103, 153
Decimal	15230873
CIE _{Lab}	60.92, 54.89, -2.33
CIE _{LCh}	61, 54.935, 357.565
Yxy	29.1562, 0.4121, 0.2738
Android (android.graphics.Color)	4293420953 (0xFFE86799)
YUV	147.2710, 2.8244, 74.3073
Hunter-Lab	53.9965, 50.5591, 1.0661

Details

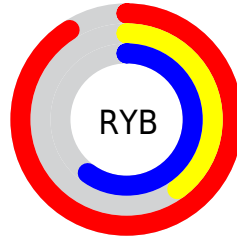
The Hex color **E86799** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67E8B6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9ECF**, and **AD2F66** is the 20% darker color. If you saturate the color by 10%, you get **E8508B**, and if you desaturate by 10%, it is **E87EA7**.

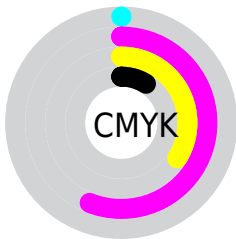
Distribution



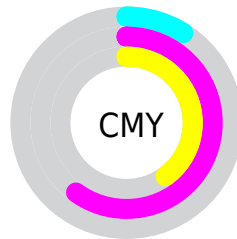
- Red (91%)
- Green (40%)
- Blue (60%)



- Red (91%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color E86799 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 E86799 by changing the saturation by 10% instead.

 E86799

 E86799

FFFFFF

 CA4B7F

 FF9ECF

 AD2F66

 FFBEBE

 90074E

 FFD7FF

 730038

 FFF5FF

 570022

 3E000C

 1D0001

 000000

 E86799

 E86799

 E8508B

 E87EA7

 E8397D

 E895B5

 E8216E

 E8ADC4

 E80A60

 E8C4D2

 E8005A

 E8DBE0

 E8F2EE

 E8FFFC

 E8FFFF

Harmonies

Analogous

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



CA74C8



E86799



EA6C69

Triad

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



E86799



819D37



00A5E4

Complementary

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



E86799



67E8B6

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.



00AABF



E86799



3EA65D

Square

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



E86799



B18F2B



00AA8D



009AF4

Rectangle

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



E86799



DE764D



00AA8D



00A7DA

Sweetspot

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



E86799



FFD4E4



B467E8



806670



000000



808080

Same Dimension

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



E86799



FF5496



E87467



73676C



B30045



330014

Inverse Universe

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



E86799



FF5496



67DBE8



73676C



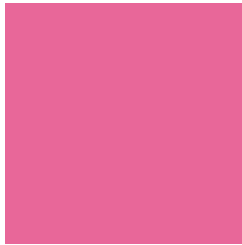
B30045



330014

Previews

White Background



This preview shows how the Hex color E86799 looks on a white background.

Color Contrast Check

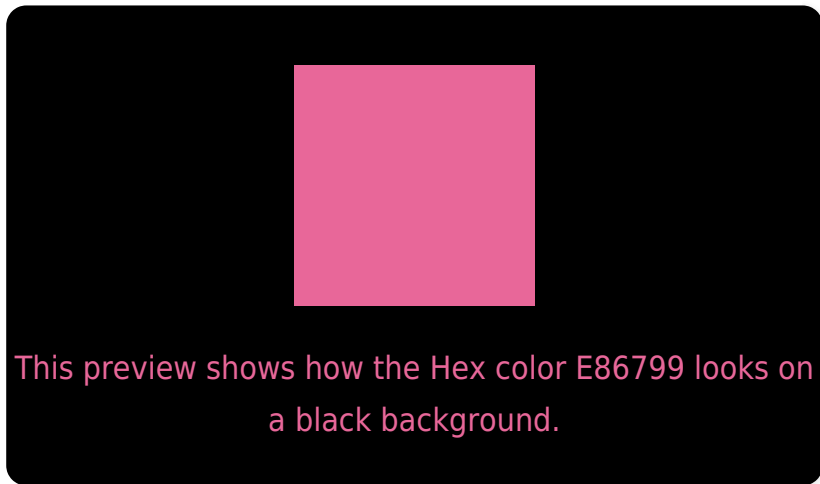
Large Text (above 18pt) WCAG AA ✓ Pass

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 E86799 Background



This preview shows how black text looks on a background with the Hex color E86799.



This preview shows how white text looks on a background with the Hex color E86799.

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
E56E76

Trichromacy



Original Color
E86799



Protanomaly
AD82AA



Deuteranomaly
BB8095

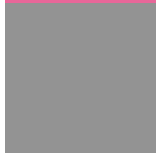


Tritanomaly
E66B83

Monochromacy



Original Color
E86799



Achromatopsia
939393



Achromatomaly
B28395

CSS Examples

Text

The CSS property to change the color of the text to Hex E86799 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 #E86799 looks like.

```
.text, #text, p{  
    color:#E86799  
}
```

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 #E86799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86799
}
```

Border

The CSS property to change the border of an element to Hex E86799 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
#E86799 }
```

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

```
.border{ border-color:#E86799 }
```

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

Here you see how a box with a 4 pixel #E86799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86799; -webkit-box-shadow:4px 4px  
4px 4px #E86799; box-shadow:4px 4px 4px  
4px #E86799 }
```

Background

The CSS property to change the background color of an element to Hex E86799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86799 }
```

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

```
.background{ background-color:#E86799 }
```

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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