

# Converting Colors

Hex(E36B7F)

Have a look what the booklet for  
Hex(E36B7F) contains.

<b>Hex(E36B7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E36B7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E36B7F
RGB	227, 107, 127
RGB Percent	89%, 42%, 50%
CMY	0.1098, 0.5804, 0.5020
CMYK	0.00, 0.53, 0.44, 0.11
HSL	350°, 68%, 65%
HSV	350°, 53%, 89%
XYZ	40.7670, 28.3786, 23.4076
YIQ	145.1600, 65.1000, 31.6600

# Conversions

## Conversions Part 2

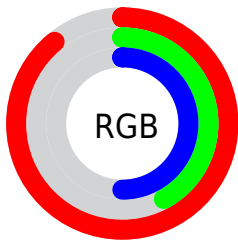
Format	Color
<a href="#">RYB</a>	<a href="#">227, 107, 127</a>
Decimal	<a href="#">14904191</a>
CIELab	<a href="#">60.23, 48.50, 11.62</a>
CIELCh	<a href="#">60, 49.872, 13.472</a>
Yxy	<a href="#">28.3786, 0.4405, 0.3066</a>
Android (android.graphics.Color)	<a href="#">4293094271 (0xFFE36B7F)</a>
YUV	<a href="#">145.1600, -8.9529, 71.7737</a>
Hunter-Lab	<a href="#">53.2716, 43.3751, 11.2379</a>

# Details

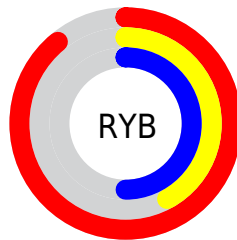
The Hex color **E36B7F** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6BE3CF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA2B4**, and **A8354E** is the 20% darker color. If you saturate the color by 10%, you get **E3546C**, and if you desaturate by 10%, it is **E38292**.

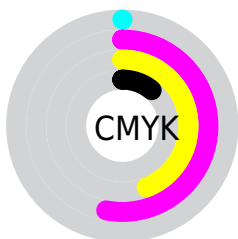
# Distribution



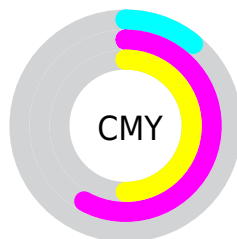
- Red (89%)
- Green (42%)
- Blue (50%)



- Red (89%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (58%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36B7F 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 E36B7F by changing the saturation by 10% instead.



 E36B7F

 E36B7F

FFFFFF

 C55066

 FFA2B4

 A8354E

 FFBECE

 8A1738

 FFDAEB

 6E0022

 FFF7FF

 52000D

 390002

 100000

 000000

 E36B7F

 E36B7F

 E3546C

 E38292

 E33E59

 E398A5

 E32746

 E3AFB8

 E31033

 E3C6CB

 E30026

 E3DCDE

 E3F3F0

 E3FFFF

# Harmonies

## Analogous

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



D56EAB



E36B7F



DA7657

# Triad

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



E36B7F



66A04E



009DE5

# Complementary

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



E36B7F



6BE3CF

# 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.



00A5CD



E36B7F



00A577

# Square

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



E36B7F



979537



00A7A4



688FE7

# Rectangle

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



E36B7F



C98142



00A7A4



00A0DF



# Sweetspot

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



E36B7F



FFD6DD



CF6BE3



80676B



000000



808080



# Same Dimension

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



E36B7F



FF5E79



E3936B



736769



B3001E



330009



# Inverse Universe

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



E36B7F



FF5E79



6BBBE3



736769



B3001E



330008



# Previews

## White Background



This preview shows how the Hex color E36B7F looks on a white background.

## Color Contrast Check

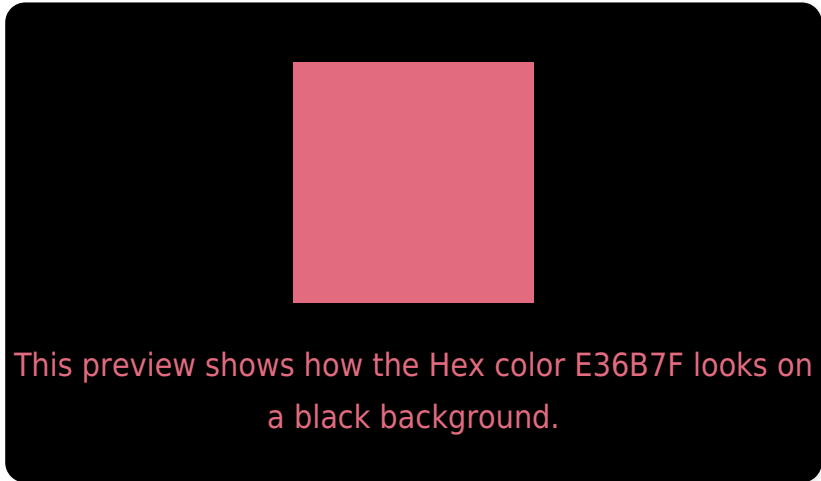
Large Text (above 18pt) WCAG AA ✓ Pass

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 E36B7F Background



This preview shows how black text looks on a background with the Hex color E36B7F.




This preview shows how white text looks on a background with the Hex color E36B7F.

# 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](#).

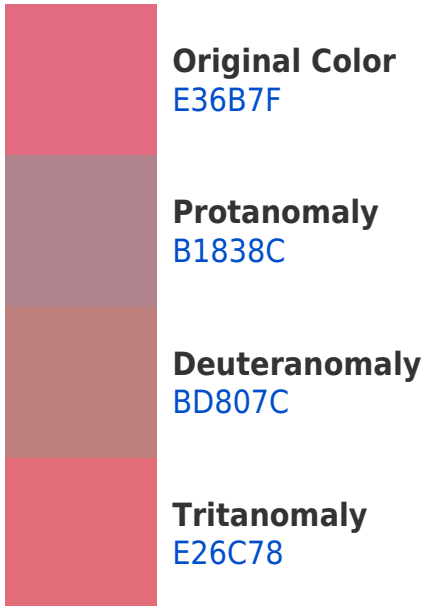
## Dichromacy



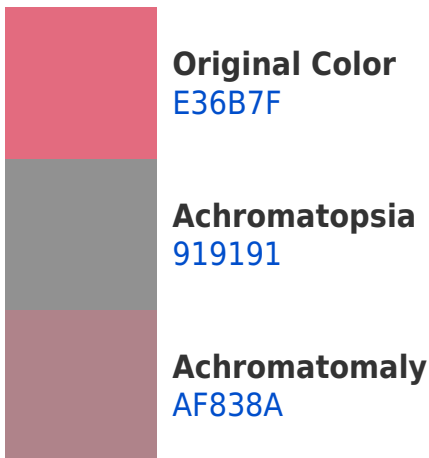


**Tritanopia**  
E26D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36B7F 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 #E36B7F looks like.

```
.text, #text, p{  
    color:#E36B7F  
}
```

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 #E36B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36B7F
}
```

## Border

The CSS property to change the border of an element to Hex E36B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

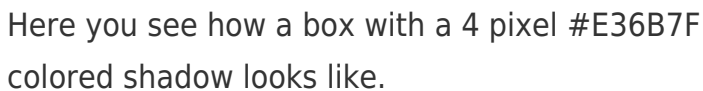
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E36B7F }
```

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

```
.border{ border-color:#E36B7F }
```

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



Here you see how a box with a 4 pixel #E36B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36B7F; -webkit-box-shadow:4px 4px  
4px 4px #E36B7F; box-shadow:4px 4px 4px  
4px #E36B7F }
```

# Background

The CSS property to change the background color of an element to Hex E36B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36B7F }
```

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

```
.background{ background-color:#E36B7F }
```

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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