

# Converting Colors

Hex(E486C3)

Have a look what the booklet for  
Hex(E486C3) contains.

<b>Hex(E486C3)</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(E486C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E486C3
RGB	228, 134, 195
RGB Percent	89%, 53%, 76%
CMY	0.1059, 0.4745, 0.2353
CMYK	0.00, 0.41, 0.14, 0.11
HSL	321°, 64%, 71%
HSV	321°, 41%, 89%
XYZ	50.3703, 37.4843, 56.2101
YIQ	169.0600, 36.4430, 38.8990

# Conversions

## Conversions Part 2

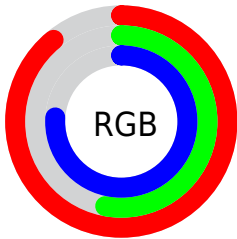
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 134, 195
Decimal	14976707
CIE Lab	67.64, 44.11, -16.24
CIE LCh	68, 47.003, 339.792
Yxy	37.4843, 0.3496, 0.2602
Android (android.graphics.Color)	4293166787 (0xFFE486C3)
YUV	169.0600, 12.7884, 51.6904
Hunter-Lab	61.2244, 39.7121, -11.5770

# Details

The Hex color **E486C3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86E4A7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBDFC**, and **AB518D** is the 20% darker color. If you saturate the color by 10%, you get **E46FBB**, and if you desaturate by 10%, it is **E49DCB**.

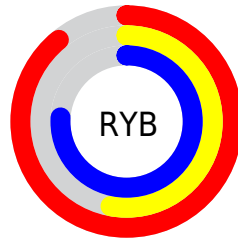
# Distribution



Red (89%)

Green (53%)

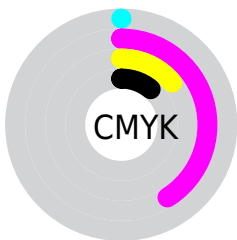
Blue (76%)



Red (89%)

Yellow (53%)

Blue (76%)

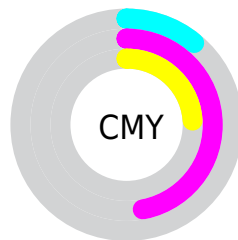


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E486C3 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 E486C3 by changing the saturation by 10% instead.



 E486C3

 E486C3

FFFFFF

 C76BA8

 FFBDFC

 AB518D

 FFD9FF

 8F3874

 FFF6FF

 741D5B

 5A0043

 40002D

 290019

 000000

 E486C3

 E486C3

 E46FBB

 E49DCB

 E458B3

 E4B4D3

 E442AB

 E4CADB

 E42BA3

 E4E1E3

 E4149B

 E4F8EB

 E40094

 E4FFF3

 E4FFFB

 E4FFFF

# Harmonies

## Analogous

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



BB94E6



E486C3



F58198

# Triad

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



E486C3



B1A74E



00B8DA

# Complementary

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



E486C3



86E4A7

# 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.



00BBB2



E486C3



83B261

# Square

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



E486C3



D69855



46B886



00B1F4

# Rectangle

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



E486C3



F3867D



46B886



00BACE



# Sweetspot

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



E486C3



FFE0F4



A786E4



806E79



000000



808080



# Same Dimension

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



E486C3



FF82D3



E48694



73676F



B30074



330021



# Inverse Universe

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



E486C3



FF82D3



86E4D6



73676F



B30074



330021



# Previews

## White Background



This preview shows how the Hex color E486C3 looks on a white background.

## Color Contrast Check

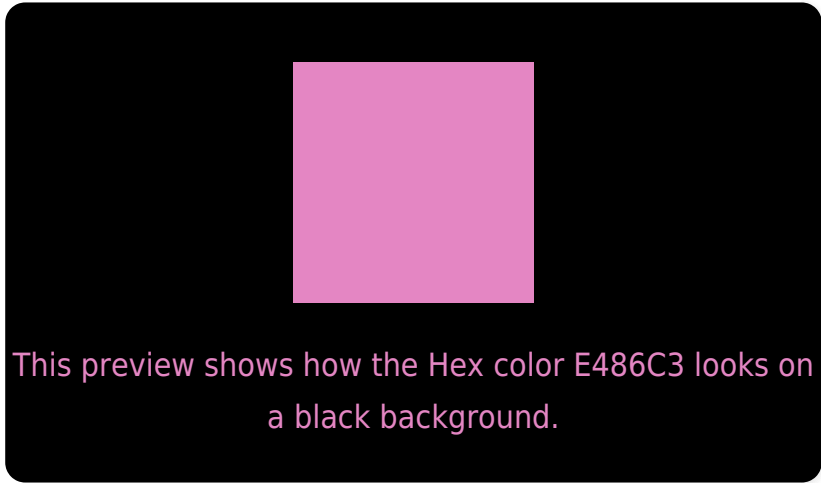
Large Text (above 18pt) WCAG AA × Fail

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 E486C3 Background



This preview shows how black text looks on a background with the Hex color E486C3.



This preview shows how white text looks on a background with the Hex color E486C3.

# 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**  
DF8E99

# Trichromacy



**Original Color**  
E486C3



**Protanomaly**  
B398D0



**Deuteranomaly**  
BE97C0

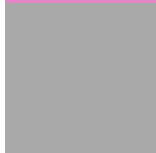


**Tritanomaly**  
E18BA8

# Monochromacy



**Original Color**  
E486C3



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
BE9CB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E486C3 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 #E486C3 looks like.

```
.text, #text, p{  
    color:#E486C3  
}
```

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 #E486C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E486C3
}
```

## Border

The CSS property to change the border of an element to Hex E486C3 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
#E486C3 }
```

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

```
.border{ border-color:#E486C3 }
```

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

Here you see how a box with a 4 pixel #E486C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E486C3; -webkit-box-shadow:4px 4px  
4px 4px #E486C3; box-shadow:4px 4px 4px  
4px #E486C3 }
```

# Background

The CSS property to change the background color of an element to Hex E486C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E486C3 }
```

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

```
.background{ background-color:#E486C3 }
```

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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