

# Converting Colors

Hex(E16C97)

Have a look what the booklet for  
Hex(E16C97) contains.

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# **Color**

**Hex(E16C97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E16C97
RGB	225, 108, 151
RGB Percent	88%, 42%, 59%
CMY	0.1176, 0.5765, 0.4078
CMYK	0.00, 0.52, 0.33, 0.12
HSL	338°, 66%, 65%
HSV	338°, 52%, 88%
XYZ	41.9998, 28.9670, 32.6557
YIQ	147.8850, 55.9290, 38.1770

# Conversions

## Conversions Part 2

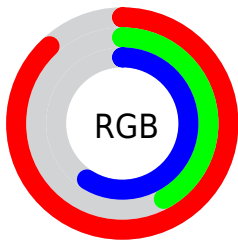
Format	Color
R <sub>Y</sub> B	225, 108, 151
Decimal	14773399
CIE Lab	60.75, 50.01, -1.54
CIE LCh	61, 50.031, 358.234
Yxy	28.9670, 0.4053, 0.2795
Android (android.graphics.Color)	4292963479 (0xFFE16C97)
YUV	147.8850, 1.5357, 67.6299
Hunter-Lab	53.8210, 45.1075, 1.7007

# Details

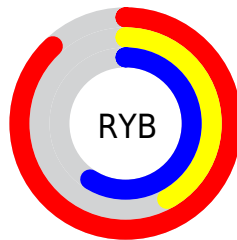
The Hex color **E16C97** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CE1B6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA3CD**, and **A63664** is the 20% darker color. If you saturate the color by 10%, you get **E15689**, and if you desaturate by 10%, it is **E183A5**.

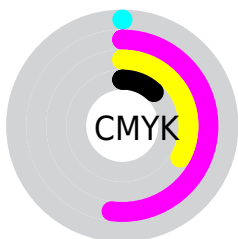
# Distribution



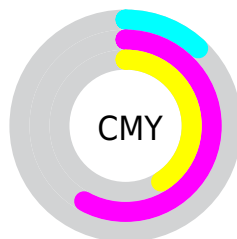
- Red (88%)
- Green (42%)
- Blue (59%)



- Red (88%)
- Yellow (42%)
- Blue (59%)



- Cyan (0%)
- Magenta (52%)
- Yellow (33%)
- Black (12%)



- Cyan (12%)
- Magenta (58%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E16C97 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 E16C97 by changing the saturation by 10% instead.



 E16C97

 E16C97

FFFFFF

 C3517D

 FFA3CD

 A63664

 FFBFE9

 8A174C

 FFDCFF

 6E0036

 FFF9FF

 520021

 3A0009

 160000

 000000

 E16C97

 E16C97

 E15689


 E183A5

 E13F7B

 E199B3

 E1296C

 E1B0C2

 E1125E

 E1C6D0

 E10053

 E1DCDE

 E1F3EC

 E1FFFB

 E1FFFF

# Harmonies

## Analogous

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



C676C2



E16C97



E3706B

# Triad

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



E16C97



829C41



00A3DD

# Complementary

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



E16C97



6CE1B6

# 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.



00A8BB



E16C97



48A462

# Square

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



E16C97



AE8F36



00A88E



2A98EB

# Rectangle

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



E16C97



D87952



00A88E



00A5D3



# Sweetspot

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



E16C97



FFD6E5



B46CE1



806770



000000



808080



# Same Dimension

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



E16C97



FF619B



E17A6C



706569



B00041



300012



# Inverse Universe

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



E16C97



FF619B



6CD3E1



706569



B00041



300012



# Previews

## White Background



This preview shows how the Hex color E16C97 looks on a white background.

## Color Contrast Check

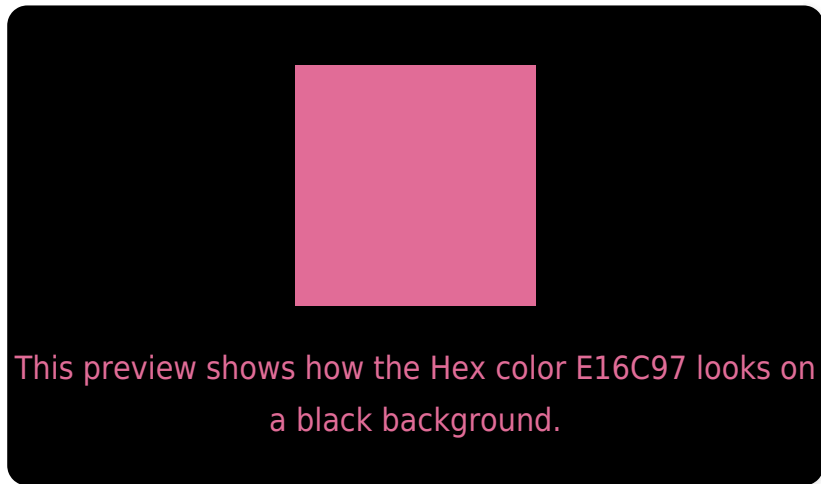
Large Text (above 18pt) WCAG AA ✓ Pass

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 E16C97 Background



This preview shows how black text looks on a background with the Hex color E16C97.



This preview shows how white text looks on a background with the Hex color E16C97.

# 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**  
DF727A

# Trichromacy



**Original Color**  
E16C97



**Protanomaly**  
AC84A6



**Deuteranomaly**  
B98293

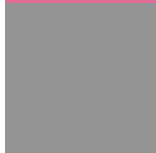


**Tritanomaly**  
E07085

# Monochromacy



**Original Color**  
E16C97



**Achromatopsia**  
949494



**Achromatomaly**  
B08595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E16C97 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 #E16C97 looks like.

```
.text, #text, p{  
    color:#E16C97  
}
```

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 #E16C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E16C97
}
```

## Border

The CSS property to change the border of an element to Hex E16C97 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
#E16C97 }
```

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

```
.border{ border-color:#E16C97 }
```

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

Here you see how a box with a 4 pixel #E16C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E16C97; -webkit-box-shadow:4px 4px  
4px 4px #E16C97; box-shadow:4px 4px 4px  
4px #E16C97 }
```

# Background

The CSS property to change the background color of an element to Hex E16C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E16C97 }
```

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

```
.background{ background-color:#E16C97 }
```

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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