

Converting Colors

Hex(E16FC7)

Have a look what the booklet for
Hex(E16FC7) contains.

Hex(E16FC7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E16FC7)

Conversions

Conversions Part 1

Format	Color
Hex	E16FC7
RGB	225, 111, 199
RGB Percent	88%, 44%, 78%
CMY	0.1176, 0.5647, 0.2196
CMYK	0.00, 0.51, 0.12, 0.12
HSL	314°, 66%, 66%
HSV	314°, 51%, 88%
XYZ	47.0446, 31.5000, 57.6334
YIQ	155.1180, 39.6960, 51.5360

Conversions

Conversions Part 2

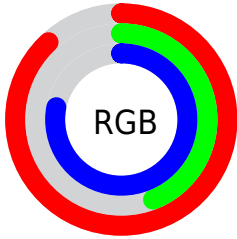
Format	Color
R _Y B	225, 111, 199
Decimal	14774215
CIE Lab	62.93, 55.31, -25.70
CIE LCh	63, 60.988, 335.076
Yxy	31.5000, 0.3455, 0.2313
Android (android.graphics.Color)	4292964295 (0xFFE16FC7)
YUV	155.1180, 21.6338, 61.2865
Hunter-Lab	56.1248, 51.4027, -21.5963

Details

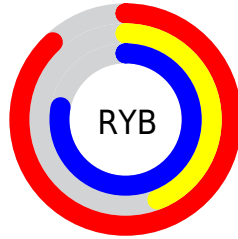
The Hex color **E16FC7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6FE189**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA6FF**, and **A73891** is the 20% darker color. If you saturate the color by 10%, you get **E159C2**, and if you desaturate by 10%, it is **E186CC**.

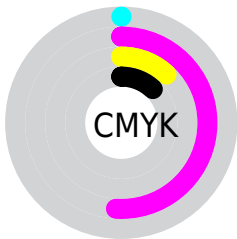
Distribution



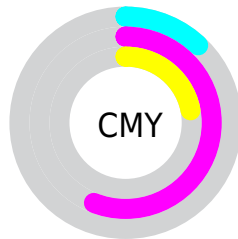
- Red (88%)
- Green (44%)
- Blue (78%)



- Red (88%)
- Yellow (44%)
- Blue (78%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (12%)




- Cyan (12%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color E16FC7 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 E16FC7 by changing the saturation by 10% instead.

 E16FC7

 E16FC7

FFFFFF

 C454AC

 FFA6FF

 A73891

 FFC3FF

 8B1877

 FFDFFF

 70005E

 FFFDFF

 550046

 3C002F

 21001A

 000000

 E16FC7

 E16FC7

 E159C2


 E186CC

 E142BD

 E19CD1

 E12CB8

 E1B3D6

 E115B2

 E1C9DC

 E100AE

 E1E0E1

 E1F6E6

 E1FFEB

 E1FFF0

 E1FFF5

Harmonies

Analogous

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



A686F1



E16FC7



FA6491

Triad

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



E16FC7



AC991E



00B1D5

Complementary

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



E16FC7



6FE189

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.



00B2A0



E16FC7



73A738

Square

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



E16FC7



D88532



00AF68



00AAFA

Rectangle

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



E16FC7



F96A6E



00AF68



00B2C5

Sweetspot

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



E16FC7



FFD9F6



886FE1



80697A



000000



808080

Same Dimension

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



E16FC7



FF63DC



E16F8F



70656E



B00088



300025

Inverse Universe

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



E16FC7



FF63DC



6FE1C1



70656E



B00088



300025

Previews

White Background



This preview shows how the Hex color E16FC7 looks on a white background.

Color Contrast Check

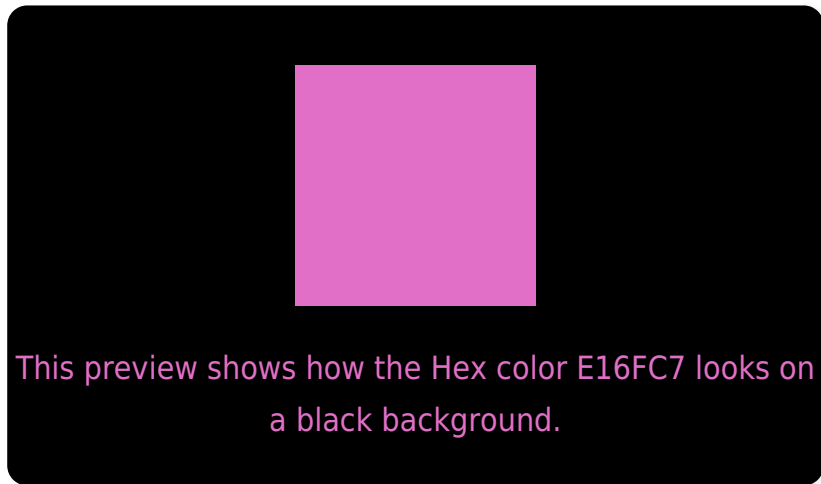
Large Text (above 18pt) WCAG AA × Fail

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 E16FC7 Background



This preview shows how black text looks on a background with the Hex color E16FC7.

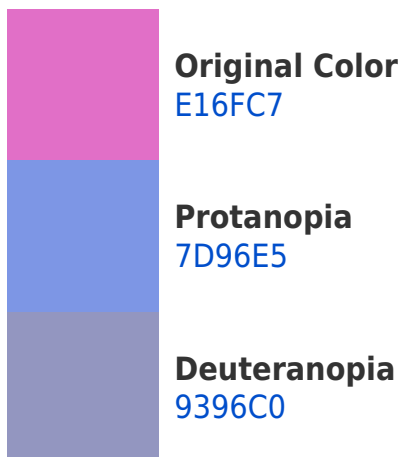



This preview shows how white text looks on a background with the Hex color E16FC7.

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](#).

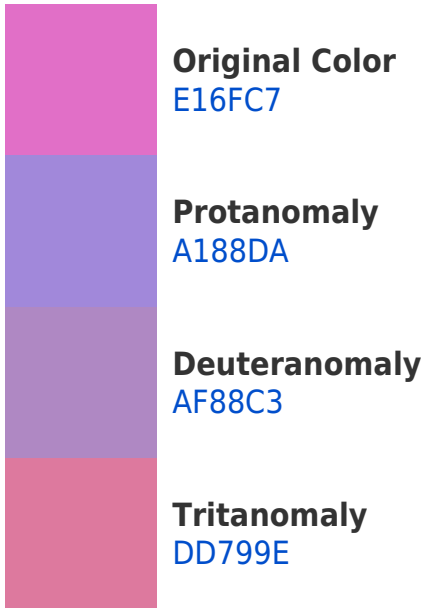
Dichromacy





Tritanopia
DA7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E16FC7 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 #E16FC7 looks like.

```
.text, #text, p{  
    color:#E16FC7  
}
```

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 #E16FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E16FC7
}
```

Border

The CSS property to change the border of an element to Hex E16FC7 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
#E16FC7 }
```

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

```
.border{ border-color:#E16FC7 }
```

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

Here you see how a box with a 4 pixel #E16FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E16FC7; -webkit-box-shadow:4px 4px  
4px 4px #E16FC7; box-shadow:4px 4px 4px  
4px #E16FC7 }
```

Background

The CSS property to change the background color of an element to Hex E16FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E16FC7 }
```

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

```
.background{ background-color:#E16FC7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor