

# Converting Colors

Hex(E16FA6)

Have a look what the booklet for  
Hex(E16FA6) contains.

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# **Color**

**Hex(E16FA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E16FA6
RGB	225, 111, 166
RGB Percent	88%, 44%, 65%
CMY	0.1176, 0.5647, 0.3490
CMYK	0.00, 0.51, 0.26, 0.12
HSL	331°, 66%, 66%
HSV	331°, 51%, 88%
XYZ	43.6187, 30.1296, 39.5930
YIQ	151.3560, 50.2890, 41.2730

# Conversions

## Conversions Part 2

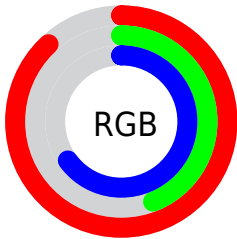
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 111, 166
Decimal	14774182
CIE Lab	61.77, 50.47, -8.67
CIE LCh	62, 51.211, 350.249
Yxy	30.1296, 0.3848, 0.2658
Android (android.graphics.Color)	4292964262 (0xFFE16FA6)
YUV	151.3560, 7.2195, 64.5858
Hunter-Lab	54.8904, 45.7868, -4.3432

# Details

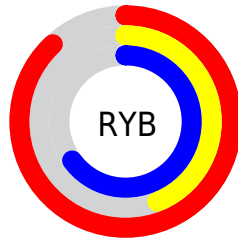
The Hex color **E16FA6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6FE1AA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA6DD**, and **A73972** is the 20% darker color. If you saturate the color by 10%, you get **E1599A**, and if you desaturate by 10%, it is **E186B2**.

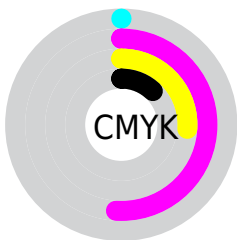
# Distribution



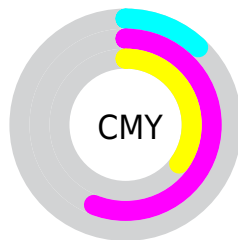
- Red (88%)
- Green (44%)
- Blue (65%)



- Red (88%)
- Yellow (44%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (56%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E16FA6 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 E16FA6 by changing the saturation by 10% instead.



 E16FA6

 E16FA6

FFFFFF

 C4548C

 FFA6DD

 A73972

 FFC2FA

 8B1B5A

 FFDFFF

 6F0042

 FFFCFF

 54002C

 3B0018

 1C0001

 000000

 E16FA6

 E16FA6

 E1599A

 E186B2

 E1428F

 E19CBD

 E12C83

 E1B3C9

 E11577

 E1C9D5

 E1006D

 E1E0E0

 E1F6EC

 E1FFF8

 E1FFFF

# Harmonies

## Analogous

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



BE7DD0



E16FA6



E96F78

# Triad

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



E16FA6



919C3B



00A8DA

# Complementary

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



E16FA6



6FE1AA

# 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.



00ACB3



E16FA6



5BA659

# Square

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



E16FA6



BB8E38



00AB84



009EEE

# Rectangle

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



E16FA6



E2775D



00AB84



00AACF



# Sweetspot

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



E16FA6



FFD9EB



AA6FE1



806974



000000



808080



# Same Dimension

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



E16FA6



FF63AE



E1716F



70656A



B00055



300017



# Inverse Universe

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



E16FA6



FF63AE



6FDFE1



70656A



B00055



300017



# Previews

## White Background



This preview shows how the Hex color E16FA6 looks on a white background.

## Color Contrast Check

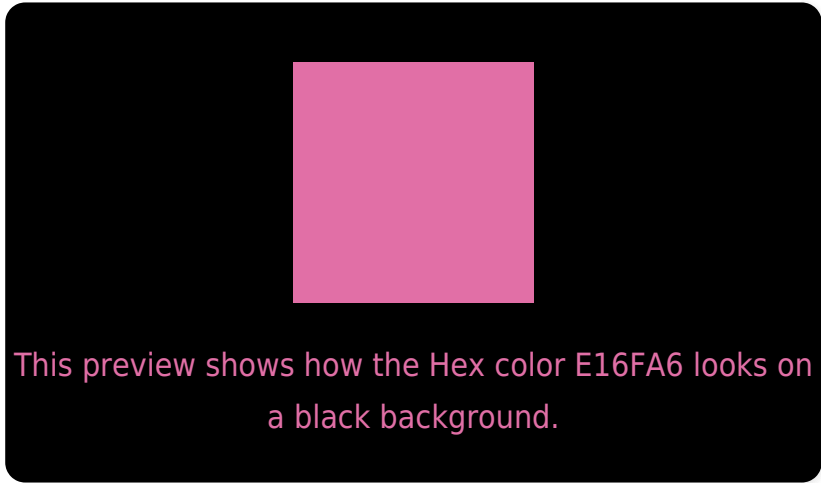
Large Text (above 18pt) WCAG AA × Fail

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 E16FA6 Background



This preview shows how black text looks on a background with the Hex color E16FA6.

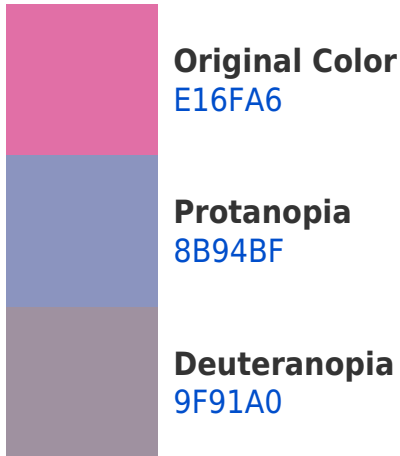


This preview shows how white text looks on a background with the Hex color E16FA6.

# 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**  
DD777F

# Trichromacy



**Original Color**  
E16FA6



**Protanomaly**  
AA87B6



**Deuteranomaly**  
B785A2

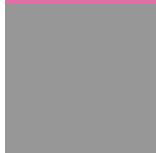


**Tritanomaly**  
DE748D

# Monochromacy



**Original Color**  
E16FA6



**Achromatopsia**  
979797



**Achromatomaly**  
B2889C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E16FA6 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 #E16FA6 looks like.

```
.text, #text, p{  
    color:#E16FA6  
}
```

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 #E16FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E16FA6
}
```

## Border

The CSS property to change the border of an element to Hex E16FA6 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
#E16FA6 }
```

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

```
.border{ border-color:#E16FA6 }
```

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

Here you see how a box with a 4 pixel #E16FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E16FA6; -webkit-box-shadow:4px 4px  
4px 4px #E16FA6; box-shadow:4px 4px 4px  
4px #E16FA6 }
```

# Background

The CSS property to change the background color of an element to Hex E16FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E16FA6 }
```

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

```
.background{ background-color:#E16FA6 }
```

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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