

# Converting Colors

Hex(E176BA)

Have a look what the booklet for  
Hex(E176BA) contains.

<b>Hex(E176BA)</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(E176BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E176BA
RGB	225, 118, 186
RGB Percent	88%, 46%, 73%
CMY	0.1176, 0.5373, 0.2706
CMYK	0.00, 0.48, 0.17, 0.12
HSL	322°, 64%, 67%
HSV	322°, 48%, 88%
XYZ	46.3927, 32.5096, 50.2842
YIQ	157.7450, 41.9440, 43.8320

# Conversions

## Conversions Part 2

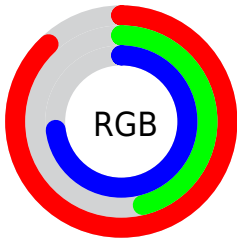
Format	Color
R <sub>Y</sub> B	225, 118, 186
Decimal	14775994
CIE Lab	63.76, 49.88, -17.07
CIE LCh	64, 52.717, 341.105
Yxy	32.5096, 0.3591, 0.2516
Android (android.graphics.Color)	4292966074 (0xFFE176BA)
YUV	157.7450, 13.9297, 58.9826
Hunter-Lab	57.0172, 45.4585, -12.3766

# Details

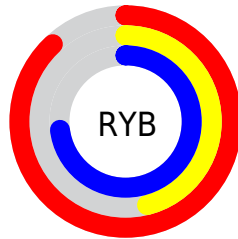
The Hex color **E176BA** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76E19D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFADF2**, and **A74185** is the 20% darker color. If you saturate the color by 10%, you get **E160B2**, and if you desaturate by 10%, it is **E18DC2**.

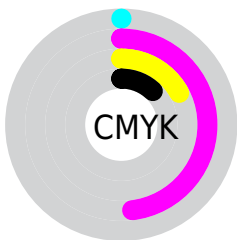
# Distribution



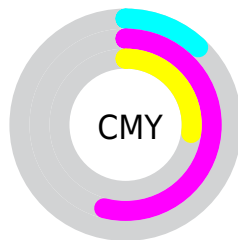
- Red (88%)
- Green (46%)
- Blue (73%)



- Red (88%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (12%)



- Cyan (12%)
- Magenta (54%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E176BA 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 E176BA by changing the saturation by 10% instead.



 E176BA

 E176BA

FFFFFF

 C45B9F

 FFADF2

 A74185

 FFC9FF

 8B256B

 FFE6FF

 700053

 55003C

 3C0026

 220010

 000000

 E176BA

 E176BA

 E160B2

 E18DC2

 E149AA

 E1A3CA

 E133A1

 E1BAD3

 E11C99

 E1D0DB

 E10691

 E1E7E3

 E1008F

 E1FDEB

 E1FFF3

 E1FFFC

 E1FFFF

# Harmonies

## Analogous

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



B487E2



E176BA



F2718B

# Triad

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



E176BA



A49E39



00B0D7

# Complementary

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



E176BA



76E19D

# 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.



00B2AB



E176BA



71A950

# Square

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



E176BA



CD8D3F



15B07A



00A8F3

# Rectangle

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



E176BA



EE776D



15B07A



00B1CA



# Sweetspot

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



E176BA



FFDBF2



9B76E1



806A78



000000



808080



# Same Dimension

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



E176BA



FF6ECA



E17686



70656C



B00070



30001F



# Inverse Universe

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



E176BA



FF6ECA



76E1D1



70656C



B00070



30001F



# Previews

## White Background



This preview shows how the Hex color E176BA looks on a white background.

## Color Contrast Check

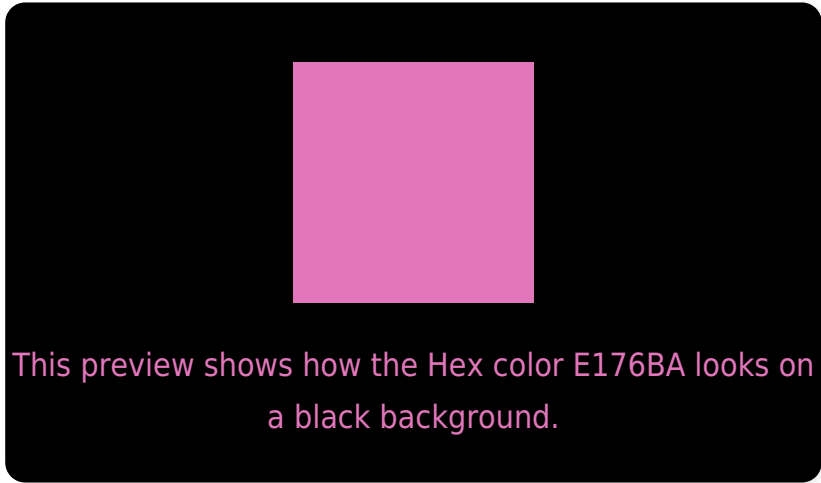
Large Text (above 18pt) WCAG AA × Fail

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 E176BA Background



This preview shows how black text looks on a background with the Hex color E176BA.

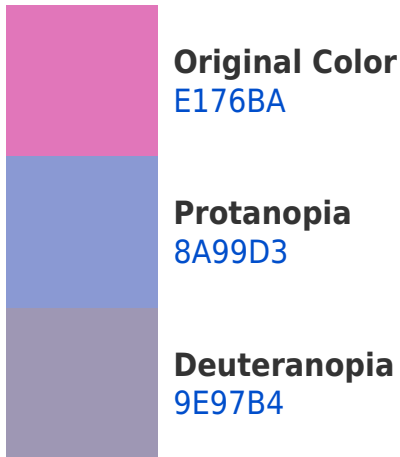


This preview shows how white text looks on a background with the Hex color E176BA.

# 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





# Trichromacy



**Original Color**  
E176BA



**Protanomaly**  
AA8CCA



**Deuteranomaly**  
B68BB6

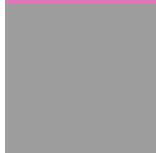


**Tritanomaly**  
DE7C9B

# Monochromacy



**Original Color**  
E176BA



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
B68FA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E176BA 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 #E176BA looks like.

```
.text, #text, p{  
    color:#E176BA  
}
```

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 #E176BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E176BA
}
```

## Border

The CSS property to change the border of an element to Hex E176BA 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
#E176BA }
```

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

```
.border{ border-color:#E176BA }
```

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

Here you see how a box with a 4 pixel #E176BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E176BA; -webkit-box-shadow:4px 4px  
4px 4px #E176BA; box-shadow:4px 4px 4px  
4px #E176BA }
```

# Background

The CSS property to change the background color of an element to Hex E176BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E176BA }
```

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

```
.background{ background-color:#E176BA }
```

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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