

# Converting Colors

Hex(E176A9)

Have a look what the booklet for  
Hex(E176A9) contains.

<b>Hex(E176A9)</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(E176A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E176A9
RGB	225, 118, 169
RGB Percent	88%, 46%, 66%
CMY	0.1176, 0.5373, 0.3373
CMYK	0.00, 0.48, 0.25, 0.12
HSL	331°, 64%, 67%
HSV	331°, 48%, 88%
XYZ	44.6912, 31.8290, 41.3242
YIQ	155.8070, 47.4010, 38.5450

# Conversions

## Conversions Part 2

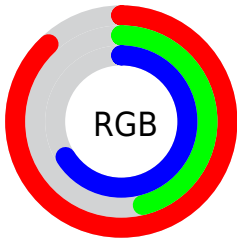
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 118, 169
Decimal	14775977
CIE Lab	63.20, 47.42, -8.25
CIE LCh	63, 48.132, 350.131
Yxy	31.8290, 0.3792, 0.2701
Android (android.graphics.Color)	4292966057 (0xFFE176A9)
YUV	155.8070, 6.5041, 60.6823
Hunter-Lab	56.4172, 42.6697, -3.9365

# Details

The Hex color **E176A9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76E1AE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFADE0**, and **A74175** is the 20% darker color. If you saturate the color by 10%, you get **E1609D**, and if you desaturate by 10%, it is **E18DB5**.

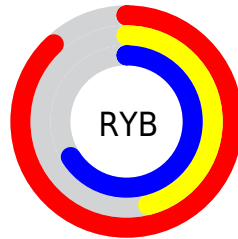
# Distribution



Red (88%)

Green (46%)

Blue (66%)



Red (88%)

Yellow (46%)

Blue (66%)

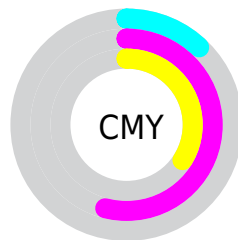


Cyan (0%)

Magenta (48%)

Yellow (25%)

Black (12%)



Cyan (12%)

Magenta (54%)


Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E176A9 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 E176A9 by changing the saturation by 10% instead.



 E176A9

 E176A9

FFFFFF

 C45B8F

 FFADE0

 A74175

 FFC9FD

 8B265C

 FFE6FF


 700145


 55002F

 3B001A

 200001

 000000

 E176A9

 E176A9

 E1609D

 E18DB5

 E14991

 E1A3C1

 E13386

 E1BACC

 E11C7A

 E1D0D8

 E1066E

 E1E7E4

 E1006B

 E1FDF0

 E1FFFB

 E1FFFF

# Harmonies

## Analogous

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



C082D0



E176A9



E9767E

# Triad

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



E176A9



969F45



00ABDA

# Complementary

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



E176A9



76E1AE

# 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.



00AEB5



E176A9



63A960

# Square

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



E176A9



BE9242



00AE89



00A2ED

# Rectangle

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



E176A9



E27D64



00AE89



00ADCF



# Sweetspot

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



E176A9



FFDBEC



AD76E1



806A74



000000



808080



# Same Dimension

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



E176A9



FF6EB3



E17876



70656A



B00054



300017



# Inverse Universe

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



E176A9



FF6EB3



76DFE1



70656A



B00054

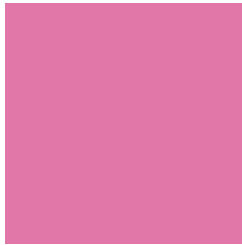


300017



# Previews

## White Background



This preview shows how the Hex color E176A9 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 E176A9 Background



This preview shows how black text looks on a background with the Hex color E176A9.




This preview shows how white text looks on a background with the Hex color E176A9.

# 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](#).

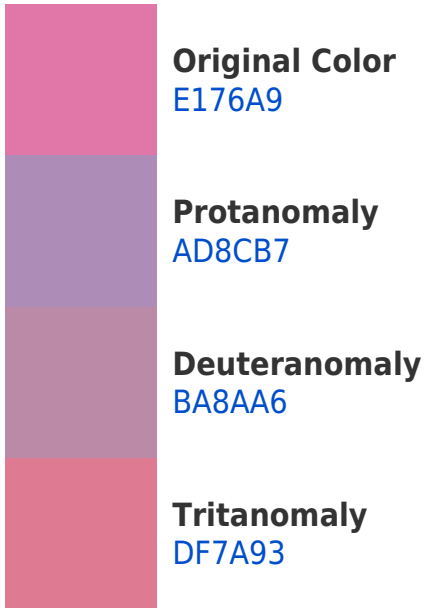
## Dichromacy





**Tritanopia**  
DE7D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E176A9 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 #E176A9 looks like.

```
.text, #text, p{  
    color:#E176A9  
}
```

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 #E176A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E176A9
}
```

## Border

The CSS property to change the border of an element to Hex E176A9 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
#E176A9 }
```

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

```
.border{ border-color:#E176A9 }
```

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

Here you see how a box with a 4 pixel #E176A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E176A9; -webkit-box-shadow:4px 4px  
4px 4px #E176A9; box-shadow:4px 4px 4px  
4px #E176A9 }
```

# Background

The CSS property to change the background color of an element to Hex E176A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E176A9 }
```

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

```
.background{ background-color:#E176A9 }
```

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