

# Converting Colors

Hex(E68DDA)

Have a look what the booklet for  
Hex(E68DDA) contains.

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# **Color**

**Hex(E68DDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E68DDA
RGB	230, 141, 218
RGB Percent	90%, 55%, 85%
CMY	0.0980, 0.4471, 0.1451
CMYK	0.00, 0.39, 0.05, 0.10
HSL	308°, 64%, 73%
HSV	308°, 39%, 90%
XYZ	54.8129, 40.9347, 71.3419
YIQ	176.3890, 28.3270, 42.8150

# Conversions

## Conversions Part 2

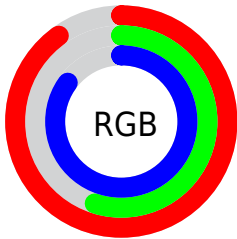
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 141, 218
Decimal	15109594
CIE Lab	70.13, 44.93, -25.21
CIE LCh	70, 51.522, 330.705
Yxy	40.9347, 0.3280, 0.2450
Android (android.graphics.Color)	4293299674 (0xFFE68DDA)
YUV	176.3890, 20.5142, 47.0168
Hunter-Lab	63.9802, 40.9584, -21.3258

# Details

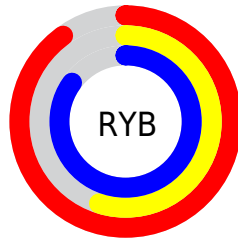
The Hex color **E68DDA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8DE699**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC4FF**, and **AD58A3** is the 20% darker color. If you saturate the color by 10%, you get **E676D7**, and if you desaturate by 10%, it is **E6A4DD**.

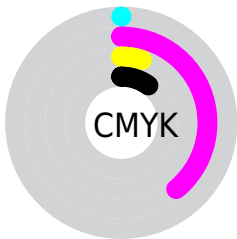
# Distribution



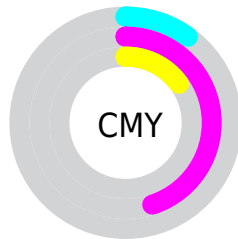
- Red (90%)
- Green (55%)
- Blue (85%)



- Red (90%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (39%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E68DDA 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 E68DDA by changing the saturation by 10% instead.



 E68DDA

 E68DDA

FFFFFF

 C972BE

 FFC4FF

 AD58A3

 FFE1FF

 913E88

FFFEFF

 76246F

 5C0356

 42003F

 2D0029

 000012

 000000

 E68DDA

 E68DDA

 E676D7

 E6A4DD

 E65FD4

 E6BBE0

 E648D1

 E6D2E3

 E631CE

 E6E9E6

 E61ACA

 E6FFEA

 E603C7

 E6FFED

 E600C7

 E6FFF0

 E6FFF3

 E6FFF6

# Harmonies

## Analogous

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



B09FFC



E68DDA



FF84AC

# Triad

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



E68DDA



C6A94A



00C2DA

# Complementary

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



E68DDA



8DE699

# 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.



00C3AB



E68DDA



96B758

# Square

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



E68DDA



EB985A



59BF7C



00BCFC

# Rectangle

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



E68DDA



FF868D



59BF7C



00C3CB



# Sweetspot

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



E68DDA



FFE0FB



998DE6



806E7D



000000



808080



# Same Dimension

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



E68DDA



FF8AEF



E68DAE



736771



B3009A



33002C



# Inverse Universe

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



E68DDA



FF8AEF



8DE6C5



736771



B3009A

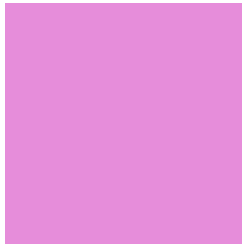


33002C



# Previews

## White Background



This preview shows how the Hex color E68DDA looks on a white background.

## Color Contrast Check

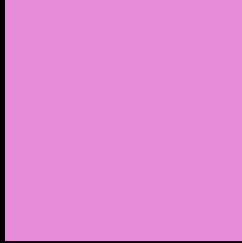
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E68DDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

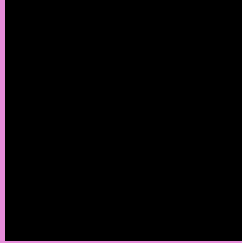
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E68DDA Background



This preview shows how black text looks on a background with the Hex color E68DDA.

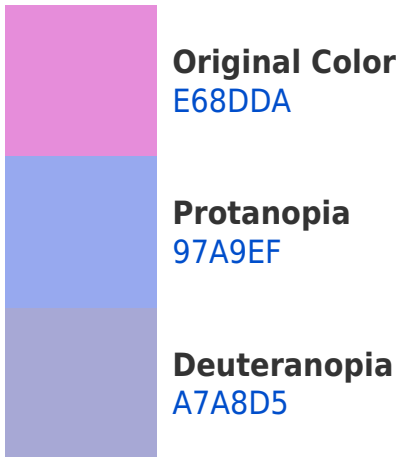


This preview shows how white text looks on a background with the Hex color E68DDA.

# 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**  
DF98A4

# Trichromacy



**Original Color**  
E68DDA



**Protanomaly**  
B49FE7



**Deuteranomaly**  
BE9ED7



**Tritanomaly**  
E294B8

# Monochromacy



**Original Color**  
E68DDA



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
C4A3BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E68DDA 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 #E68DDA looks like.

```
.text, #text, p{  
    color:#E68DDA  
}
```

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 #E68DDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68DDA
}
```

## Border

The CSS property to change the border of an element to Hex E68DDA 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
#E68DDA }
```

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

```
.border{ border-color:#E68DDA }
```

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

Here you see how a box with a 4 pixel #E68DDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68DDA; -webkit-box-shadow:4px 4px  
4px 4px #E68DDA; box-shadow:4px 4px 4px  
4px #E68DDA }
```

# Background

The CSS property to change the background color of an element to Hex E68DDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68DDA }
```

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

```
.background{ background-color:#E68DDA }
```

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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