

# Converting Colors

Hex(E451DD)

Have a look what the booklet for  
Hex(E451DD) contains.

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# Color

**Hex(E451DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E451DD
RGB	228, 81, 221
RGB Percent	89%, 32%, 87%
CMY	0.1059, 0.6824, 0.1333
CMYK	0.00, 0.64, 0.03, 0.11
HSL	303°, 73%, 61%
HSV	303°, 64%, 89%
XYZ	47.9885, 27.5993, 71.2045
YIQ	140.9130, 42.6720, 74.7040

# Conversions

## Conversions Part 2

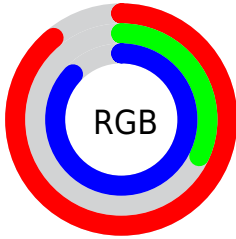
Format	Color
R <sub>Y</sub> B	228, 81, 221
Decimal	14963165
CIE Lab	59.52, 72.60, -43.38
CIE LCh	60, 84.576, 329.140
Yxy	27.5993, 0.3269, 0.1880
Android (android.graphics.Color)	4293153245 (0xFFE451DD)
YUV	140.9130, 39.4829, 76.3753
Hunter-Lab	52.5350, 71.1157, -43.5855

# Details

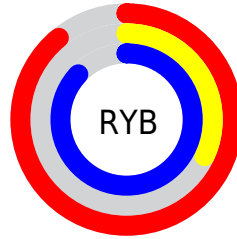
The Hex color **E451DD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **51E458**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF8CFF**, and **A900A5** is the 20% darker color. If you saturate the color by 10%, you get **E43ADC**, and if you desaturate by 10%, it is **E468DE**.

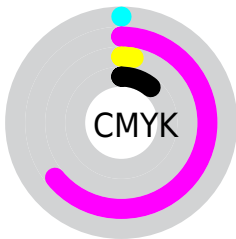
# Distribution



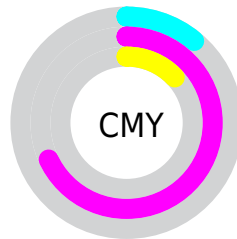
- Red (89%)
- Green (32%)
- Blue (87%)



- Red (89%)
- Yellow (32%)
- Blue (87%)



- Cyan (0%)
- Magenta (64%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (68%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E451DD 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 E451DD by changing the saturation by 10% instead.



 E451DD

 E451DD

FFFFFF

 C630C1

 FF8CFF

 A900A5

 FFA9FF

 8C008B

 FFC6FF

 700071

 FFE4FF

 540057

 3B0040

 1C0028

 000112

 000000

 E451DD

 E451DD

 E43ADC

 E468DE

 E423DB

 E47FDF

 E40DDA

 E495E0

 E400D9

 E4ACE1

 E4C3E2

 E4DAE4

 E4F1E5

 E4FFE6

 E4FFE7

# Harmonies

## Analogous

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



807CFF



E451DD



FF2995

# Triad

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



E451DD



AF8C00



00AFD6

# Complementary

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



E451DD



51E458

# 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.



00AF8B



E451DD



65A000

# Square

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



E451DD



E76C00



00AA3C



00A9FF

# Rectangle

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



E451DD



FF3364



00AA3C



00AFBE



# Sweetspot

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



E451DD



FFCFFD



5651E4



80627E



000000



808080



# Same Dimension

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



E451DD



FF3BF6



E45196



736772



B300AA



330031



# Inverse Universe

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



E451DD



FF3BF6



51E49F



736772



B300AA



330031



# Previews

## White Background



This preview shows how the Hex color E451DD looks on a white background.

## Color Contrast Check

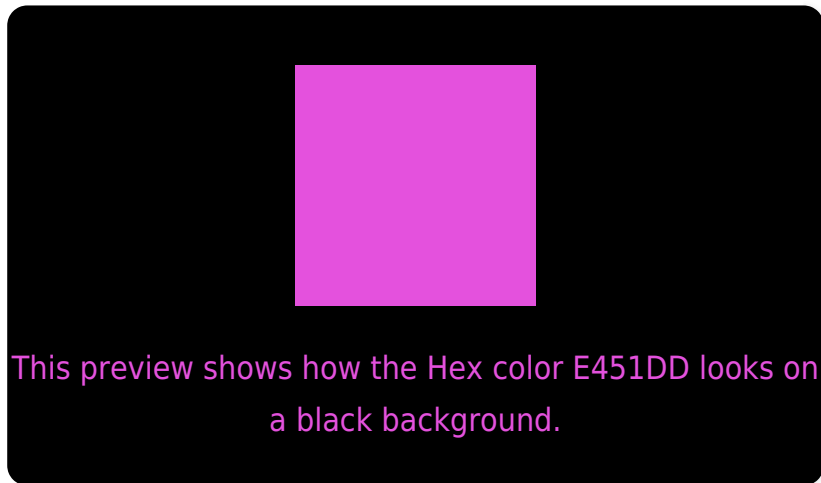
Large Text (above 18pt) WCAG AA ✓ Pass

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

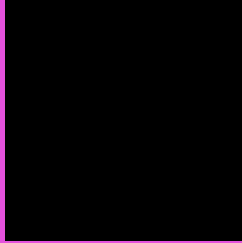
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E451DD Background



This preview shows how black text looks on a background with the Hex color E451DD.

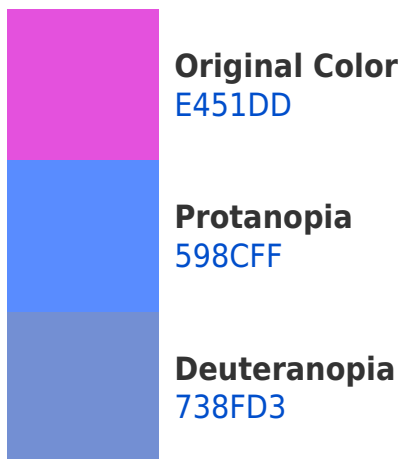


This preview shows how white text looks on a background with the Hex color E451DD.

# 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**  
D96F77

# Trichromacy



**Original Color**  
E451DD



**Protanomaly**  
8C77F3



**Deuteranomaly**  
9C78D7

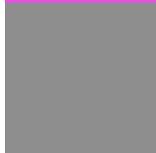


**Tritanomaly**  
DD649C

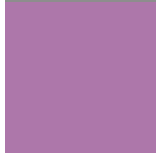
# Monochromacy



**Original Color**  
E451DD



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AD77AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E451DD 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 #E451DD looks like.

```
.text, #text, p{  
    color:#E451DD  
}
```

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 #E451DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E451DD
}
```

## Border

The CSS property to change the border of an element to Hex E451DD 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
#E451DD }
```

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

```
.border{ border-color:#E451DD }
```

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

Here you see how a box with a 4 pixel #E451DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E451DD; -webkit-box-shadow:4px 4px  
4px 4px #E451DD; box-shadow:4px 4px 4px  
4px #E451DD }
```

# Background

The CSS property to change the background color of an element to Hex E451DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E451DD }
```

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

```
.background{ background-color:#E451DD }
```

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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