

# Converting Colors

Hex(E000DC)

Have a look what the booklet for  
Hex(E000DC) contains.

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# Color

Hex(E000DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	E000DC
RGB	224, 0, 220
RGB Percent	88%, 0%, 86%
CMY	0.1216, 1.0000, 0.1373
CMYK	0.00, 1.00, 0.02, 0.12
HSL	301°, 100%, 44%
HSV	301°, 100%, 88%
XYZ	43.6587, 21.0146, 69.4653
YIQ	92.0560, 62.8840, 115.9080

# Conversions

## Conversions Part 2

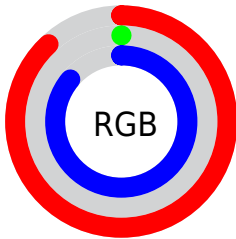
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 0, 220
Decimal	14680284
CIELab	52.97, 88.52, -53.27
CIELCh	53, 103.313, 328.963
Yxy	21.0146, 0.3255, 0.1567
Android (android.graphics.Color)	4292870364 (0xFFE000DC)
YUV	92.0560, 63.0764, 115.7149
Hunter-Lab	45.8417, 89.7770, -57.7548

# Details

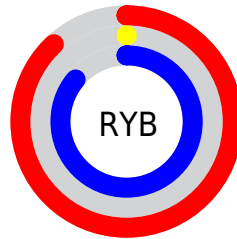
The Hex color **E000DC** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **00E004**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF62FF**, and **A400A4** is the 20% darker color. If you saturate the color by 10%, you get **E000DC**, and if you desaturate by 10%, it is **E016DC**.

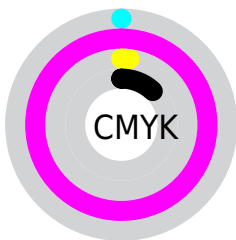
# Distribution



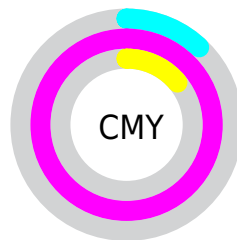
- Red (88%)
- Green (0%)
- Blue (86%)



- Red (88%)
- Yellow (0%)
- Blue (86%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (100%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E000DC 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 E000DC by changing the saturation by 10% instead.



 E000DC

 E000DC

FFFFFF

 C200C0

 FF62FF

 A400A4

 FF81FF

 860089

 FFA0FF

 69006F


 FFBFFF

 4D0056

 FFDDFF

 2F003E

 FFFCFF

 090027

 00010F

 000000

 E000DC

 E016DC

 E02DDD

 E043DD

 E05ADE

 E070DE

 E086DE

 E09DDF

 E0B3DF

 E0CAE0

# Harmonies

## Analogous

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



5368FF



E000DC



FF0086

# Triad

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



E000DC



9D7B00



00A1D3

# Complementary

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



E000DC



00E004

# 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.



00A079



E000DC



3F9100

# Square

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



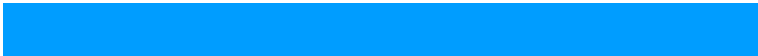
E000DC



DF4E00



009B05



009DFF

# Rectangle

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



E000DC



FF004C



009B05



00A1B6



# Sweetspot

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



E000DC



FFB3FE



0400E0



80527F



000000



808080



# Same Dimension

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



E000DC



FF00FA



E0006C



706570



B000AD



300030



# Inverse Universe

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



E000DC



FF00FA



00E074



706570



B000AD



300030



# Previews

## White Background



This preview shows how the Hex color E000DC looks on a white background.

## Color Contrast Check

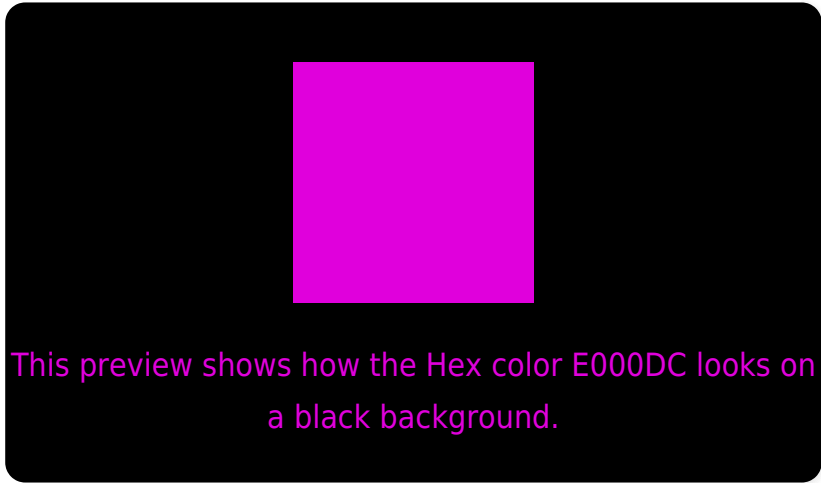
Large Text (above 18pt) WCAG AA ✓ Pass

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

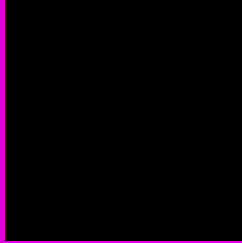
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E000DC Background



This preview shows how black text looks on a background with the Hex color E000DC.

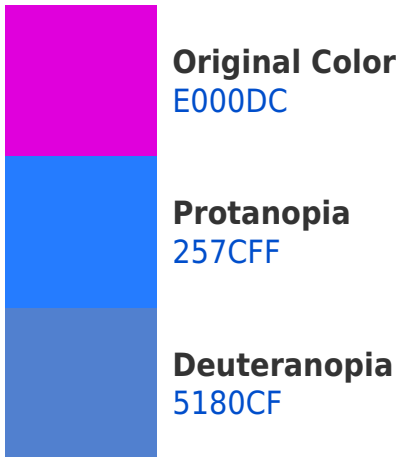



This preview shows how white text looks on a background with the Hex color E000DC.

# 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**  
D2565C

# Trichromacy



**Original Color**  
E000DC



**Protanomaly**  
694FF2



**Deuteranomaly**  
8551D4



**Tritanomaly**  
D7378B

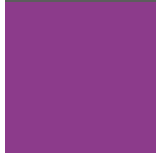
# Monochromacy



**Original Color**  
E000DC



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
8C3B8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E000DC 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 #E000DC looks like.

```
.text, #text, p{  
    color:#E000DC  
}
```

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 #E000DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E000DC
}
```

## Border

The CSS property to change the border of an element to Hex E000DC 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
#E000DC }
```

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

```
.border{ border-color:#E000DC }
```

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

Here you see how a box with a 4 pixel #E000DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E000DC; -webkit-box-shadow:4px 4px  
4px 4px #E000DC; box-shadow:4px 4px 4px  
4px #E000DC }
```

# Background

The CSS property to change the background color of an element to Hex E000DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E000DC }
```

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

```
.background{ background-color:#E000DC }
```

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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