

# Converting Colors

Hex(E002E0)

Have a look what the booklet for  
Hex(E002E0) contains.

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# Color

Hex(E002E0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E002E0
RGB	224, 2, 224
RGB Percent	88%, 1%, 88%
CMY	0.1216, 0.9922, 0.1216
CMYK	0.00, 0.99, 0.00, 0.12
HSL	300°, 98%, 44%
HSV	300°, 99%, 88%
XYZ	44.2167, 21.2725, 72.2965
YIQ	93.6860, 61.0500, 116.1060

# Conversions

## Conversions Part 2

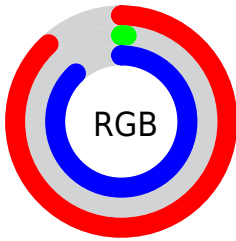
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 2, 224
Decimal	14680800
CIELab	53.25, 88.95, -55.09
CIElCh	53, 104.626, 328.227
Yxy	21.2725, 0.3209, 0.1544
Android (android.graphics.Color)	4292870880 (0xFFE002E0)
YUV	93.6860, 64.2448, 114.2854
Hunter-Lab	46.1222, 90.4119, -60.6517

# Details

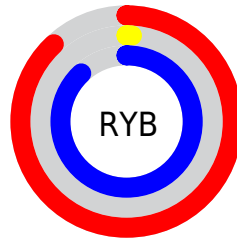
The Hex color **E002E0** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **02E002**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF62FF**, and **A400A8** is the 20% darker color. If you saturate the color by 10%, you get **E000E0**, and if you desaturate by 10%, it is **E018E0**.

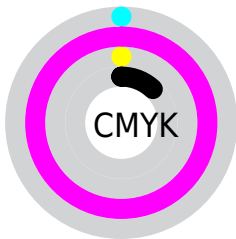
# Distribution



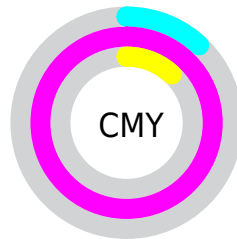
- Red (88%)
- Green (1%)
- Blue (88%)



- Red (88%)
- Yellow (1%)
- Blue (88%)



- Cyan (0%)
- Magenta (99%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (99%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E002E0 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 E002E0 by changing the saturation by 10% instead.



 E002E0

 E002E0

FFFFFF

 C200C4

 FF62FF

 A400A8

 FF82FF

 86008D

 FFA1FF

 690073

 FF8FFF

 4C0059

 FFDEFF

 2F0041

 FFFDFF

 090029

 000113

 000000

 E002E0

 E002E0

 E000E0

 E018E0

 E02FE0

 E045E0

 E05CE0

 E072E0

 E088E0

 E09FE0

 E0B5E0

 E0CCE0

# Harmonies

## Analogous

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



4A69FF



E002E0



FF0089

# Triad

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



E002E0



A07B00



00A2D3

# Complementary

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



E002E0



02E002

# 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.



00A177



E002E0



419200

# Square

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



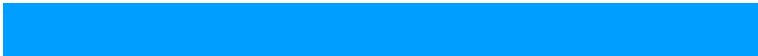
E002E0



E24D00



009C00



009EFF

# Rectangle

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



E002E0



FF004E



009C00



00A2B6



# Sweetspot

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



E002E0



FFB3FF



0202E0



805280



000000



808080



# Same Dimension

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



E002E0



FF00FF



E00271



706570



B000B0



300030



# Inverse Universe

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



E002E0



FF00FF



02E071



706570



B000B0



300030



# Previews

## White Background



This preview shows how the Hex color E002E0 looks on a white background.

## Color Contrast Check

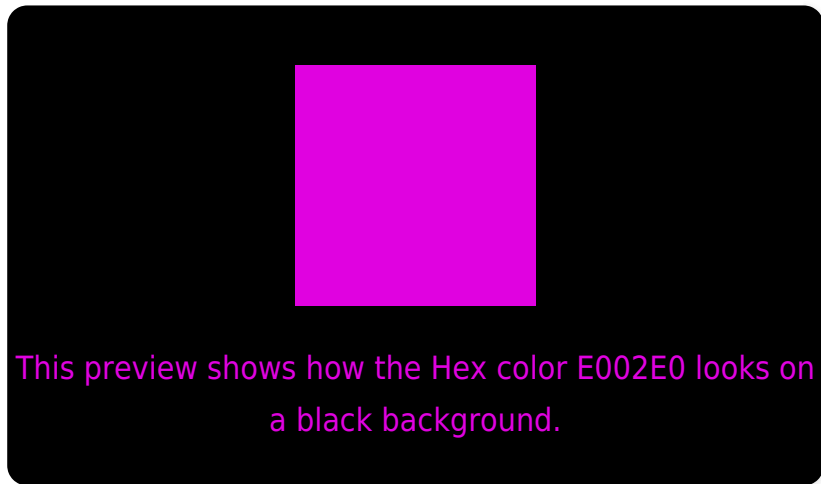
Large Text (above 18pt) WCAG AA ✓ Pass

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

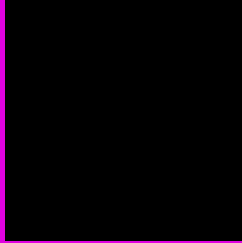
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E002E0 Background



This preview shows how black text looks on a background with the Hex color E002E0.



This preview shows how white text looks on a background with the Hex color E002E0.

# 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**  
D2585E

# Trichromacy



**Original Color**  
E02E0



**Protanomaly**  
6B50F4



**Deuteranomaly**  
8253D8



**Tritanomaly**  
D7398D

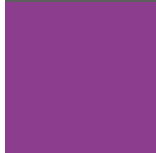
# Monochromacy



**Original Color**  
E02E0



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
8D3D8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E002E0 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 #E002E0 looks like.

```
.text, #text, p{  
    color:#E002E0  
}
```

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 #E002E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E002E0
}
```

## Border

The CSS property to change the border of an element to Hex E002E0 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
#E002E0 }
```

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

```
.border{ border-color:#E002E0 }
```

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

Here you see how a box with a 4 pixel #E002E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E002E0; -webkit-box-shadow:4px 4px  
4px 4px #E002E0; box-shadow:4px 4px 4px  
4px #E002E0 }
```

# Background

The CSS property to change the background color of an element to Hex E002E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E002E0 }
```

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

```
.background{ background-color:#E002E0 }
```

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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