

Converting Colors

Hex(E02DDE)

Have a look what the booklet for
Hex(E02DDE) contains.

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Color

Hex(E02DDE)

Conversions

Conversions Part 1

Format	Color
Hex	E02DDE
RGB	224, 45, 222
RGB Percent	88%, 18%, 87%
CMY	0.1216, 0.8235, 0.1294
CMYK	0.00, 0.80, 0.01, 0.12
HSL	301°, 74%, 53%
HSV	301°, 80%, 88%
XYZ	44.8637, 22.9980, 71.1817
YIQ	118.6990, 49.8670, 92.9950

Conversions

Conversions Part 2

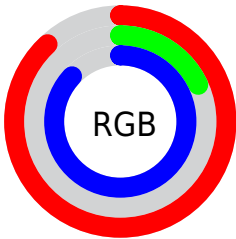
Format	Color
R _Y B	224, 45, 222
Decimal	14691806
CIE Lab	55.07, 82.97, -51.04
CIE LCh	55, 97.412, 328.398
Yxy	22.9980, 0.3227, 0.1654
Android (android.graphics.Color)	4292881886 (0xFFE02DDE)
YUV	118.6990, 50.9274, 92.3490
Hunter-Lab	47.9562, 83.0657, -54.4352

Details

The Hex color **E02DDE** 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 **2DE02F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF71FF**, and **A400A6** is the 20% darker color. If you saturate the color by 10%, you get **E017DE**, and if you desaturate by 10%, it is **E043DE**.

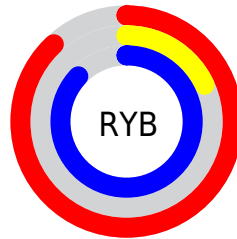
Distribution



Red (88%)

Green (18%)

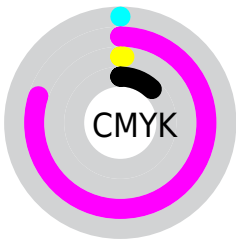
Blue (87%)



Red (88%)

Yellow (18%)

Blue (87%)

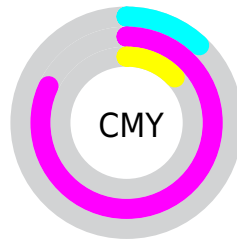


Cyan (0%)

Magenta (80%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E02DDE 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 E02DDE by changing the saturation by 10% instead.

 E02DDE

 E02DDE

FFFFFF

 C200C2

 FF71FF

 A400A6

 FF90FF

 87008B

 FFAEFF

 6A0071

 FFCCFF

 4E0058

 FFEAFF

 320040

 0F0028

 000112

 000000

 E02DDE

 E02DDE

 E017DE

 E043DE

 E000DD

 E05ADF

 E070DF

 E087DF

 E09DDF

 E0B3E0

 E0CAE0

 E0E0E0

 E0F7E0

Harmonies

Analogous

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



5F6FFF



E02DDE



FF008C

Triad

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



E02DDE



A57F00



00A6D3

Complementary

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



E02DDE



2DE02F

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.



00A57D



E02DDE



4E9500

Square

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



E02DDE



E35700



00A01A



00A1FF

Rectangle

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



E02DDE



FF0055



00A01A



00A6B7

Sweetspot

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



E02DDE



FFC2FE



2D2DE0



805B7F



000000



808080

Same Dimension

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



E02DDE



FF0AFC



E02D87



706570



B000AE



300030

Inverse Universe

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



E02DDE



FF0AFC



2DE087



706570



B000AE



300030

Previews

White Background



This preview shows how the Hex color E02DDE 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

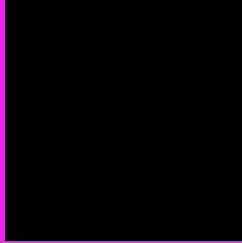
Any Text WCAG AA ✓ Pass

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 E02DDE Background



This preview shows how black text looks on a background with the Hex color E02DDE.

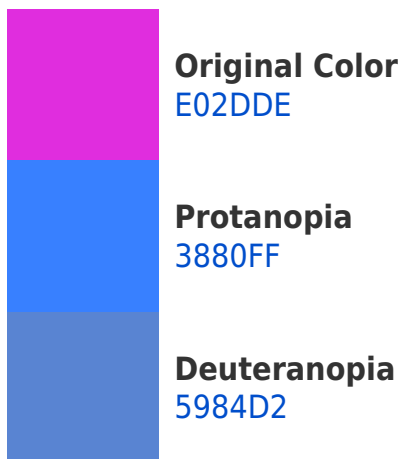


This preview shows how white text looks on a background with the Hex color E02DDE.

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
D35F65

Trichromacy



Original Color
E02DDE



Protanomaly
7562F3



Deuteranomaly
8A64D6



Tritanomaly
D84D91

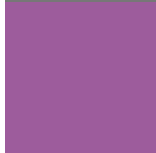
Monochromacy



Original Color
E02DDE



Achromatopsia
777777



Achromatomaly
9D5C9C

CSS Examples

Text

The CSS property to change the color of the text to Hex E02DDE 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 #E02DDE looks like.

```
.text, #text, p{  
    color:#E02DDE  
}
```

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 #E02DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E02DDE
}
```

Border

The CSS property to change the border of an element to Hex E02DDE 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
#E02DDE }
```

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

```
.border{ border-color:#E02DDE }
```

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

Here you see how a box with a 4 pixel #E02DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E02DDE; -webkit-box-shadow:4px 4px  
4px 4px #E02DDE; box-shadow:4px 4px 4px  
4px #E02DDE }
```

Background

The CSS property to change the background color of an element to Hex E02DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E02DDE }
```

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

```
.background{ background-color:#E02DDE }
```

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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