

Converting Colors

Hex(E700D9)

Have a look what the booklet for
Hex(E700D9) contains.

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Color

Hex(E700D9)

Conversions

Conversions Part 1

Format	Color
Hex	E700D9
RGB	231, 0, 217
RGB Percent	91%, 0%, 85%
CMY	0.0941, 1.0000, 0.1490
CMYK	0.00, 1.00, 0.06, 0.09
HSL	304°, 100%, 45%
HSV	304°, 100%, 91%
XYZ	45.4794, 21.9987, 67.4948
YIQ	93.8070, 68.0190, 116.4590

Conversions

Conversions Part 2

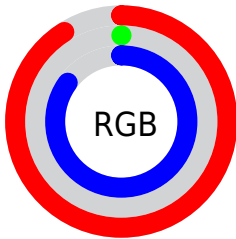
Format	Color
RYB	231, 0, 217
Decimal	15139033
CIELab	54.03, 89.24, -49.80
CIELCh	54, 102.195, 330.839
Yxy	21.9987, 0.3370, 0.1630
Android (android.graphics.Color)	4293329113 (0xFFE700D9)
YUV	93.8070, 60.7341, 120.3183
Hunter-Lab	46.9027, 91.0032, -52.4886

Details

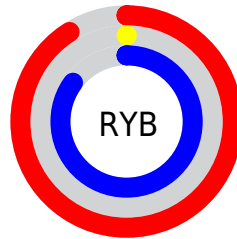
The Hex color **E700D9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **00E70E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF63FF**, and **AA00A1** is the 20% darker color. If you saturate the color by 10%, you get **E700D9**, and if you desaturate by 10%, it is **E717DA**.

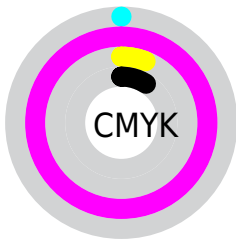
Distribution



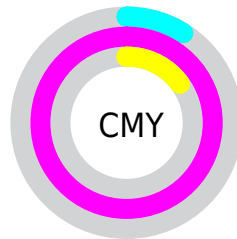
- Red (91%)
- Green (0%)
- Blue (85%)



- Red (91%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E700D9 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 E700D9 by changing the saturation by 10% instead.

 E700D9

 E700D9

FFFFFF

 C800BD

 FF63FF

 AA00A1

 FF83FF

 8D0087

 FFA2FF

 6F006D

 FFC0FF

 530054

 FFDFFF

 36003B

FFFEFF

 150025

 00000C

 000000

 E700D9

 E717DA

 E72EDC

 E745DD

 E75CDF

 E774E0

 E78BE1

 E7A2E3

 E7B9E4

 E7D0E6

Harmonies

Analogous

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



6967FF



E700D9



FF0083

Triad

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



E700D9



9B7F00



00A4DB

Complementary

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



E700D9



00E70E

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.



00A381



E700D9



3A9500

Square

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



E700D9



DE5600



009E1A



009FFF

Rectangle

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



E700D9



FF004A



009E1A



00A4BE

Sweetspot

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



E700D9



FFB3FA



0C00E7



80527D



000000



808080

Same Dimension

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



E700D9



FF00F0



E70068



736772



B300A8



330030

Inverse Universe

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



E700D9



FF00F0



00E77F



736772



B300A8



330030

Previews

White Background



This preview shows how the Hex color E700D9 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 E700D9 Background



This preview shows how black text looks on a background with the Hex color E700D9.



This preview shows how white text looks on a background with the Hex color E700D9.

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



Original Color
E700D9

Protanopia
327FFF

Deuteranopia
5C82CC

Trichromacy



Original Color
E700D9



Protanomaly
7451F1



Deuteranomaly
8F53D1



Tritanomaly
DF3689

Monochromacy



Original Color
E700D9



Achromatopsia
5E5E5E



Achromatomaly
903C8B

CSS Examples

Text

The CSS property to change the color of the text to Hex E700D9 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 #E700D9 looks like.

```
.text, #text, p{  
    color:#E700D9  
}
```

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 #E700D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E700D9
}
```

Border

The CSS property to change the border of an element to Hex E700D9 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
#E700D9 }
```

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

```
.border{ border-color:#E700D9 }
```

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

Here you see how a box with a 4 pixel #E700D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E700D9; -webkit-box-shadow:4px 4px  
4px 4px #E700D9; box-shadow:4px 4px 4px  
4px #E700D9 }
```

Background

The CSS property to change the background color of an element to Hex E700D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E700D9 }
```

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

```
.background{ background-color:#E700D9 }
```

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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