

Converting Colors

Hex(E400D8)

Have a look what the booklet for
Hex(E400D8) contains.

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Color

Hex(E400D8)

Conversions

Conversions Part 1

Format	Color
Hex	E400D8
RGB	228, 0, 216
RGB Percent	89%, 0%, 85%
CMY	0.1059, 1.0000, 0.1529
CMYK	0.00, 1.00, 0.05, 0.11
HSL	303°, 100%, 45%
HSV	303°, 100%, 89%
XYZ	44.3896, 21.4518, 66.7668
YIQ	92.7960, 66.5520, 115.5120

Conversions

Conversions Part 2

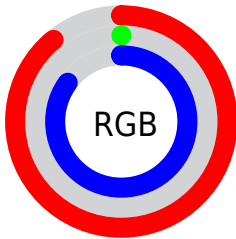
Format	Color
R _Y B	228, 0, 216
Decimal	14942424
CIE Lab	53.44, 88.62, -50.19
CIE LCh	53, 101.841, 330.474
Yxy	21.4518, 0.3347, 0.1618
Android (android.graphics.Color)	4293132504 (0xFFE400D8)
YUV	92.7960, 60.7396, 118.5739
Hunter-Lab	46.3161, 90.0219, -53.0479

Details

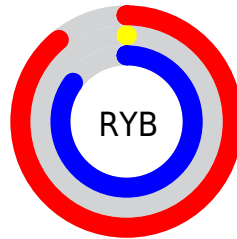
The Hex color **E400D8** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **00E40C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF62FF**, and **A800A0** is the 20% darker color. If you saturate the color by 10%, you get **E400D8**, and if you desaturate by 10%, it is **E417D9**.

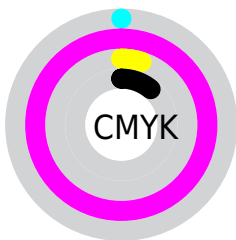
Distribution



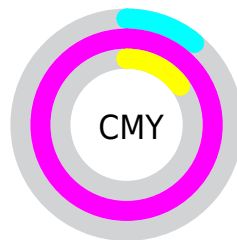
- Red (89%)
- Green (0%)
- Blue (85%)



- Red (89%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E400D8 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 E400D8 by changing the saturation by 10% instead.

 E400D8

 E400D8

FFFFFF

 C600BC

 FF62FF

 A800A0

 FF82FF

 8A0086

 FFA1FF

 6D006C

 FFBFFF

 500053

 FFDEFF

 33003B

 FFFDFF

 110024

 00000B

 000000

 E400D8

 E417D9

 E42EDA

 E444DC

 E45BDD

 E472DE

 E489DF

 E4A0E0

 E4B6E2

 E4CDE3

Harmonies

Analogous

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



6567FF



E400D8



FF0083

Triad

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



E400D8



9A7D00



00A2D8

Complementary

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



E400D8



00E40C

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.



00A17F



E400D8



3B9300

Square

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



E400D8



DD5400



009D17



009EFF

Rectangle

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



E400D8



FF004A



009D17



00A2BB

Sweetspot

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



E400D8



FFB3FB



0B00E4



80527D



000000



808080

Same Dimension

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



E400D8



FF00F2



E40067



736772



B300A9



330030

Inverse Universe

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



E400D8



FF00F2



00E47D



736772



B300A9



330030

Previews

White Background



This preview shows how the Hex color E400D8 looks on a white background.

Color Contrast Check

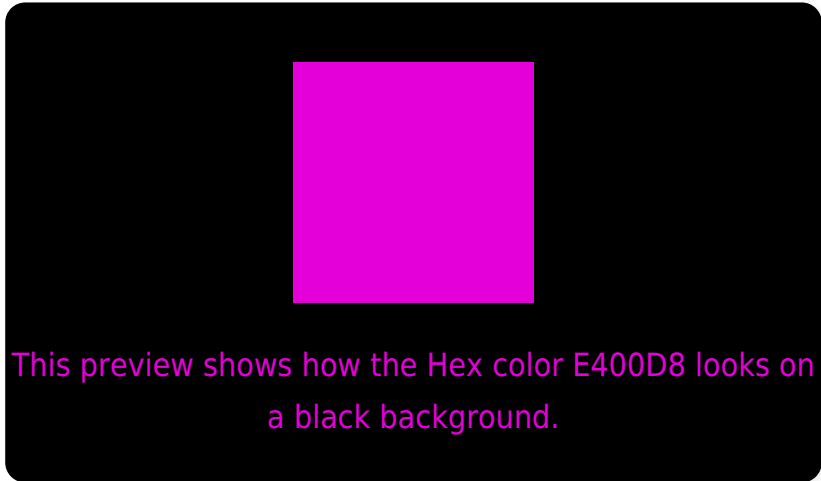
Large Text (above 18pt) WCAG AA ✓ Pass

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 E400D8 Background



This preview shows how black text looks on a background with the Hex color E400D8.



This preview shows how white text looks on a background with the Hex color E400D8.

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
D7555A

Trichromacy



Original Color
E400D8



Protanomaly
6E50F1



Deuteranomaly
8C52D0



Tritanomaly
DC3688

Monochromacy



Original Color
E400D8



Achromatopsia
5D5D5D



Achromatomaly
8E3B8A

CSS Examples

Text

The CSS property to change the color of the text to Hex E400D8 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 #E400D8 looks like.

```
.text, #text, p{  
    color:#E400D8  
}
```

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 #E400D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E400D8
}
```

Border

The CSS property to change the border of an element to Hex E400D8 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
#E400D8 }
```

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

```
.border{ border-color:#E400D8 }
```

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

Here you see how a box with a 4 pixel #E400D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E400D8; -webkit-box-shadow:4px 4px  
4px 4px #E400D8; box-shadow:4px 4px 4px  
4px #E400D8 }
```

Background

The CSS property to change the background color of an element to Hex E400D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E400D8 }
```

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

```
.background{ background-color:#E400D8 }
```

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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