

Converting Colors

Hex(E217DD)

Have a look what the booklet for
Hex(E217DD) contains.

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Color

Hex(E217DD)

Conversions

Conversions Part 1

Format	Color
Hex	E217DD
RGB	226, 23, 221
RGB Percent	89%, 9%, 87%
CMY	0.1137, 0.9098, 0.1333
CMYK	0.00, 0.90, 0.02, 0.11
HSL	301°, 82%, 49%
HSV	301°, 90%, 89%
XYZ	44.7216, 22.0020, 70.2963
YIQ	106.2690, 57.4300, 104.6140

Conversions

Conversions Part 2

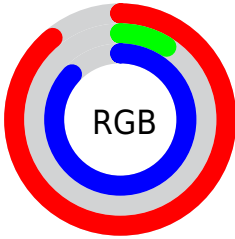
Format	Color
R _Y B	226, 23, 221
Decimal	14817245
CIE Lab	54.03, 87.04, -52.12
CIE LCh	54, 101.453, 329.089
Yxy	22.0020, 0.3264, 0.1606
Android (android.graphics.Color)	4293007325 (0xFFE217DD)
YUV	106.2690, 56.5624, 105.0041
Hunter-Lab	46.9063, 88.1001, -56.0208

Details

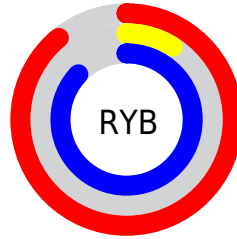
The Hex color **E217DD** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **17E21C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF68FF**, and **A600A5** is the 20% darker color. If you saturate the color by 10%, you get **E200DC**, and if you desaturate by 10%, it is **E22EDE**.

Distribution



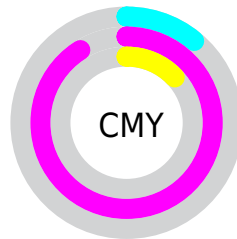
- Red (89%)
- Green (9%)
- Blue (87%)



- Red (89%)
- Yellow (9%)
- Blue (87%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E217DD 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 E217DD by changing the saturation by 10% instead.

 E217DD

 E217DD

FFFFFF

 C400C1

 FF68FF

 A600A5

 FF87FF

 88008A

 FFA5FF

 6B0070

 FFC4FF

 4F0057

 FFE2FF

 32003F

 0F0027

 000111

 000000

 E217DD

 E217DD

 E200DC

 E22EDE

 E244DE

 E25BDF

 E271DF

 E288E0

 E29FE0

 E2B5E1

 E2CCE1

 E2E2E2

Harmonies

Analogous

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



5C6AFF



E217DD



FF0088

Triad

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



E217DD



A07D00



00A4D5

Complementary

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



E217DD



17E21C

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.



00A27C



E217DD



449400

Square

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



E217DD



E15300



009E11



009FFF

Rectangle

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



E217DD



FF004F



009E11



00A4B9

Sweetspot

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



E217DD



FFBAFD



1A17E2



80577E



000000



808080

Same Dimension

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



E217DD



FF00F9



E21779



706570



B000AC



30002F

Inverse Universe

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



E217DD



FF00F9



17E280



706570



B000AC



30002F

Previews

White Background



This preview shows how the Hex color E217DD 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 E217DD Background



This preview shows how black text looks on a background with the Hex color E217DD.

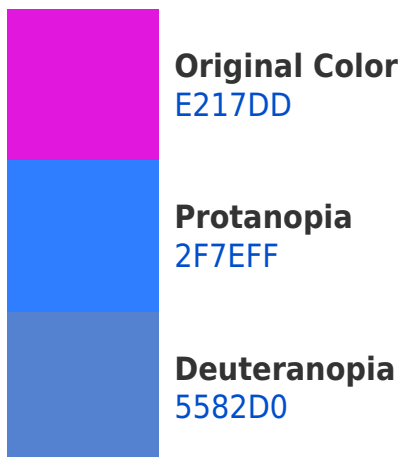



This preview shows how white text looks on a background with the Hex color E217DD.

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
D5595E

Trichromacy



Original Color
E217DD



Protanomaly
7059F3



Deuteranomaly
885BD5



Tritanomaly
DA418C

Monochromacy



Original Color
E217DD



Achromatopsia
6A6A6A



Achromatomaly
964C94

CSS Examples

Text

The CSS property to change the color of the text to Hex E217DD 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 #E217DD looks like.

```
.text, #text, p{  
  color:#E217DD  
}
```

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 #E217DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E217DD
}
```

Border

The CSS property to change the border of an element to Hex E217DD 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
#E217DD }
```

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

```
.border{ border-color:#E217DD }
```

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

Here you see how a box with a 4 pixel #E217DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E217DD; -webkit-box-shadow:4px 4px  
4px 4px #E217DD; box-shadow:4px 4px 4px  
4px #E217DD }
```

Background

The CSS property to change the background color of an element to Hex E217DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E217DD }
```

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

```
.background{ background-color:#E217DD }
```

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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