

# Converting Colors

Hex(E211DE)

Have a look what the booklet for  
Hex(E211DE) contains.

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# Color

Hex(E211DE)

# Conversions

## Conversions Part 1

Format	Color
Hex	E211DE
RGB	226, 17, 222
RGB Percent	89%, 7%, 87%
CMY	0.1137, 0.9333, 0.1294
CMYK	0.00, 0.92, 0.02, 0.11
HSL	301°, 86%, 48%
HSV	301°, 92%, 89%
XYZ	44.7493, 21.8436, 70.9649
YIQ	102.8610, 58.7590, 108.0630

# Conversions

## Conversions Part 2

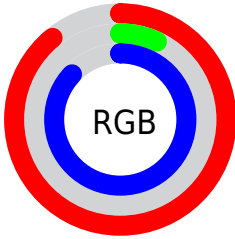
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 17, 222
Decimal	14815710
CIE Lab	53.86, 87.85, -52.95
CIE LCh	54, 102.575, 328.919
Yxy	21.8436, 0.3253, 0.1588
Android (android.graphics.Color)	4293005790 (0xFFE211DE)
YUV	102.8610, 58.7355, 107.9929
Hunter-Lab	46.7371, 89.1181, -57.3091

# Details

The Hex color **E211DE** 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 **11E215**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF66FF**, and **A600A6** is the 20% darker color. If you saturate the color by 10%, you get **E200DE**, and if you desaturate by 10%, it is **E228DE**.

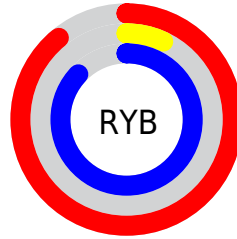
# Distribution



Red (89%)

Green (7%)

Blue (87%)



Red (89%)

Yellow (7%)

Blue (87%)

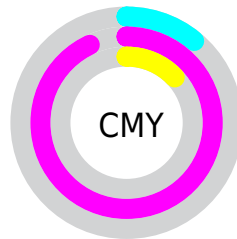


Cyan (0%)

Magenta (92%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (93%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E211DE 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 E211DE by changing the saturation by 10% instead.



 E211DE

 E211DE

FFFFFF

 C400C2

 FF66FF

 A600A6

 FF85FF

 88008B

 FFA4FF

 6B0071

 FFC2FF

 4E0058

 FFE1FF

 32003F

 0E0028

 000112

 000000

 E211DE

 E211DE

 E200DE

 E228DE

 E23EDF

 E255DF

 E26BE0

 E282E0

 E299E1

 E2AFE1

 E2C6E1

 E2DCE2

# Harmonies

## Analogous

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



586AFF



E211DE



FF0088

# Triad

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



E211DE



A07D00



00A3D5

# Complementary

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



E211DE



11E215

# 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.



00A27B



E211DE



429300

# Square

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



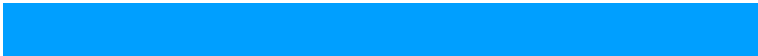
E211DE



E15100



009E0C



009FFF

# Rectangle

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



E211DE



FF004F



009E0C



00A3B8



# Sweetspot

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



E211DE



FFB8FE



1411E2



80547F



000000



808080



# Same Dimension

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



E211DE



FF00FA



E21176



706570



B000AD



300030



# Inverse Universe

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



E211DE



FF00FA



11E27D



706570



B000AD



300030



# Previews

## White Background



This preview shows how the Hex color E211DE looks on a white background.

## Color Contrast Check

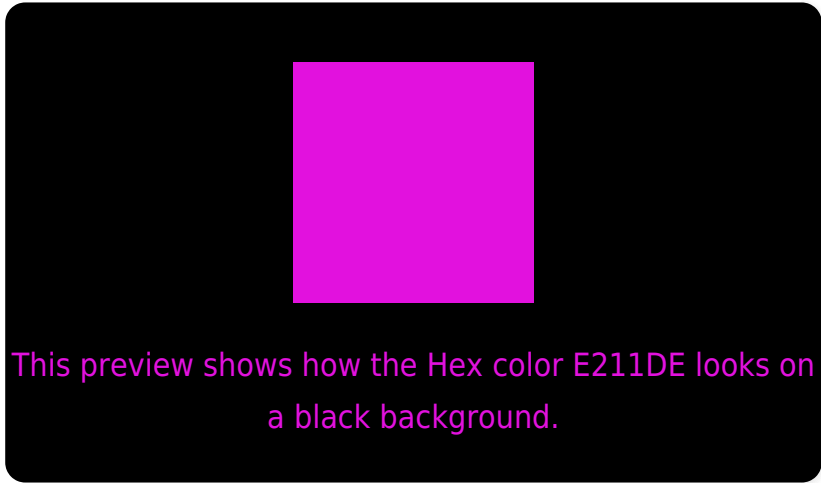
Large Text (above 18pt) WCAG AA ✓ Pass

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

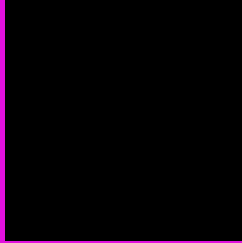
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E211DE Background



This preview shows how black text looks on a background with the Hex color E211DE.



This preview shows how white text looks on a background with the Hex color E211DE.

# 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**  
D4585E

# Trichromacy



**Original Color**  
E211DE



**Protanomaly**  
6F56F3



**Deuteranomaly**  
8759D6



**Tritanomaly**  
D93E8D

# Monochromacy



**Original Color**  
E211DE



**Achromatopsia**  
676767



**Achromatomaly**  
944892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E211DE 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 #E211DE looks like.

```
.text, #text, p{  
    color:#E211DE  
}
```

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 #E211DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E211DE
}
```

## Border

The CSS property to change the border of an element to Hex E211DE 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
#E211DE }
```

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

```
.border{ border-color:#E211DE }
```

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

Here you see how a box with a 4 pixel #E211DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E211DE; -webkit-box-shadow:4px 4px  
4px 4px #E211DE; box-shadow:4px 4px 4px  
4px #E211DE }
```

# Background

The CSS property to change the background color of an element to Hex E211DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E211DE }
```

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

```
.background{ background-color:#E211DE }
```

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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