

Converting Colors

Hex(E301DB)

Have a look what the booklet for
Hex(E301DB) contains.

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Color

Hex(E301DB)

Conversions

Conversions Part 1

Format	Color
Hex	E301DB
RGB	227, 1, 219
RGB Percent	89%, 0%, 86%
CMY	0.1098, 0.9961, 0.1412
CMYK	0.00, 1.00, 0.04, 0.11
HSL	302°, 99%, 45%
HSV	302°, 100%, 89%
XYZ	44.4756, 21.4671, 68.8173
YIQ	93.4260, 64.7180, 115.7100

Conversions

Conversions Part 2

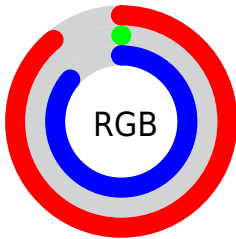
Format	Color
R _Y B	227, 1, 219
Decimal	14877147
CIE Lab	53.46, 88.79, -51.88
CIE LCh	53, 102.841, 329.702
Yxy	21.4671, 0.3300, 0.1593
Android (android.graphics.Color)	4293067227 (0xFFE301DB)
YUV	93.4260, 61.9080, 117.1444
Hunter-Lab	46.3326, 90.2638, -55.6300

Details

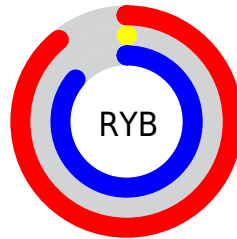
The Hex color **E301DB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **01E309**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF62FF**, and **A700A3** is the 20% darker color. If you saturate the color by 10%, you get **E300DB**, and if you desaturate by 10%, it is **E318DC**.

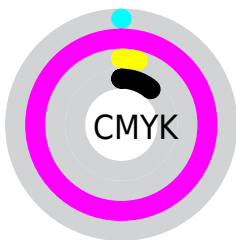
Distribution



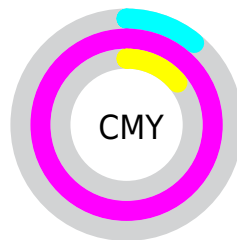
- Red (89%)
- Green (0%)
- Blue (86%)



- Red (89%)
- Yellow (0%)
- Blue (86%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E301DB 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 E301DB by changing the saturation by 10% instead.

 E301DB

 E301DB

FFFFFF

 C500BF

 FF62FF

 A700A3

 FF82FF

 890088

 FFA1FF

 6C006E

 FFC0FF

 4F0055

 FFDEFF

 32003D

 FFFDFF

 0F0026

 00010E

 000000

 E301DB

 E301DB

 E300DB

 E318DC

 E32EDD

 E345DD

 E35CDE

 E373DF

 E389E0

 E3A0E1

 E3B7E1

 E3CDE2

Harmonies

Analogous

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



5D68FF



E301DB



FF0085

Triad

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



E301DB



9C7D00



00A2D6

Complementary

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



E301DB



01E309

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.



00A17C



E301DB



3D9300

Square

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



E301DB



DF5200



009D10



009EFF

Rectangle

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



E301DB



FF004B



009D10



00A2BA

Sweetspot

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



E301DB



FFB3FC



0901E3



80527E



000000



808080

Same Dimension

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



E301DB



FF00F6



E3016A



736772



B300AC



330031

Inverse Universe

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



E301DB



FF00F6



01E37A



736772



B300AC



330031

Previews

White Background



This preview shows how the Hex color E301DB looks on a white background.

Color Contrast Check

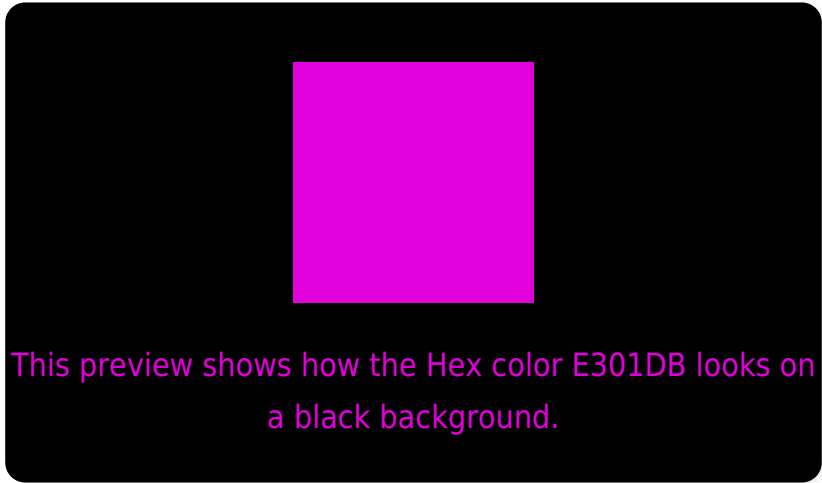
Large Text (above 18pt) WCAG AA ✓ Pass

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

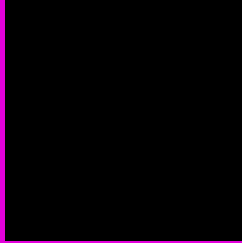
Any Text WCAG AA ✓ Pass

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 E301DB Background



This preview shows how black text looks on a background with the Hex color E301DB.




This preview shows how white text looks on a background with the Hex color E301DB.

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
D6565C

Trichromacy



Original Color
E301DB



Protanomaly
6E50F2



Deuteranomaly
8952D3



Tritanomaly
DB378A

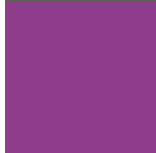
Monochromacy



Original Color
E301DB



Achromatopsia
5D5D5D



Achromatomaly
8E3C8B

CSS Examples

Text

The CSS property to change the color of the text to Hex E301DB 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 #E301DB looks like.

```
.text, #text, p{  
    color:#E301DB  
}
```

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 #E301DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E301DB
}
```

Border

The CSS property to change the border of an element to Hex E301DB 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".

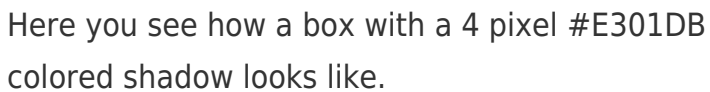
```
.border, #border, table{ border:4px solid
#E301DB }
```

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

```
.border{ border-color:#E301DB }
```

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

Here you see how a box with a 4 pixel #E301DB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E301DB; -webkit-box-shadow:4px 4px  
4px 4px #E301DB; box-shadow:4px 4px 4px  
4px #E301DB }
```

Background

The CSS property to change the background color of an element to Hex E301DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E301DB }
```

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

```
.background{ background-color:#E301DB }
```

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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