

Converting Colors

Hex(E300B1)

Have a look what the booklet for
Hex(E300B1) contains.

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Color

Hex(E300B1)

Conversions

Conversions Part 1

Format	Color
Hex	E300B1
RGB	227, 0, 177
RGB Percent	89%, 0%, 69%
CMY	0.1098, 1.0000, 0.3059
CMYK	0.00, 1.00, 0.22, 0.11
HSL	313°, 100%, 45%
HSV	313°, 100%, 89%
XYZ	39.6144, 19.5052, 43.2719
YIQ	88.0510, 78.4750, 103.1710

Conversions

Conversions Part 2

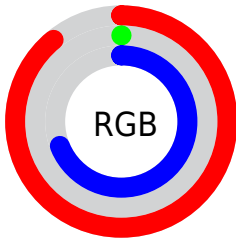
Format	Color
RYB	227, 0, 177
Decimal	14876849
CIELab	51.27, 83.52, -31.06
CIELCh	51, 89.103, 339.602
Yxy	19.5052, 0.3869, 0.1905
Android (android.graphics.Color)	4293066929 (0xFFE300B1)
YUV	88.0510, 43.8519, 121.8583
Hunter-Lab	44.1647, 82.8207, -27.1762

Details

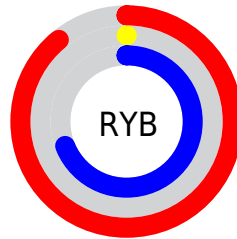
The Hex color **E300B1** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **00E332**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF60E9**, and **A6007C** is the 20% darker color. If you saturate the color by 10%, you get **E300B1**, and if you desaturate by 10%, it is **E317B6**.

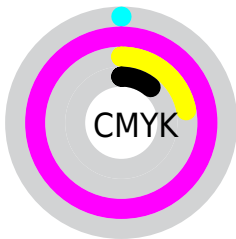
Distribution



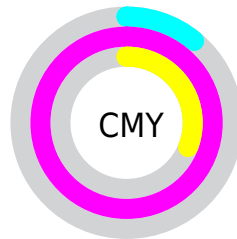
- Red (89%)
- Green (0%)
- Blue (69%)



- Red (89%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E300B1 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 E300B1 by changing the saturation by 10% instead.

 E300B1

 E300B1

FFFFFF

 C50096

 FF60E9

 A6007C

 FF7FFF

 890063

 FF9EFF

 6B004A

 FFBCFF

 500034

 FFDBFF

 32001D

 FFF9FF

 070000

 000000

 E300B1

 E317B6

 E32DBB

 E344C0

 E35BC5

 E372CA

 E388CF

 E39FD4

 E3B6D9

 E3CCDE

Harmonies

Analogous

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



9557F1



E300B1



FA0066

Triad

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



E300B1



7F7F00



0098DB

Complementary

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



E300B1



00E332

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.



009992



E300B1



108F00

Square

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



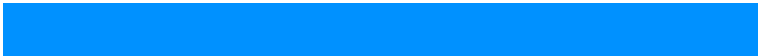
E300B1



BE6200



009641



0091FF

Rectangle

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



E300B1



F30834



009641



0099C4

Sweetspot

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



E300B1



FFB3EE



3100E3



805275



000000



808080

Same Dimension

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



E300B1



FF00C7



E30040



736770



B3008B



330028

Inverse Universe

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



E300B1



FF00C7



00E3A3



736770



B3008B



330028

Previews

White Background



This preview shows how the Hex color E300B1 looks on a white background.

Color Contrast Check

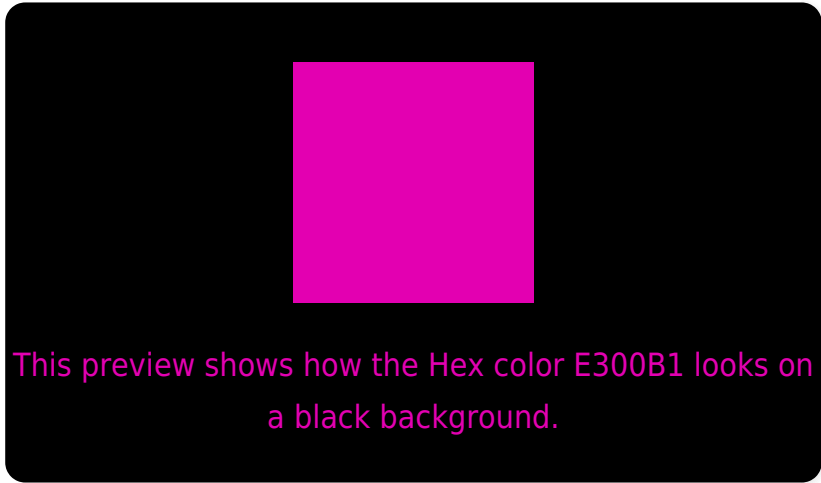
Large Text (above 18pt) WCAG AA ✓ Pass

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 E300B1 Background



This preview shows how black text looks on a background with the Hex color E300B1.

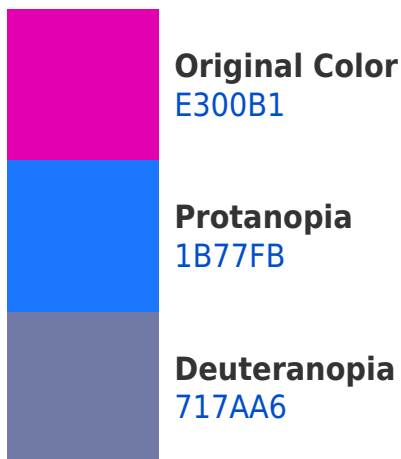


This preview shows how white text looks on a background with the Hex color E300B1.

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



Trichromacy



Original Color
E300B1



Protanomaly
644CE0



Deuteranomaly
9A4EAA



Tritanomaly
DE2D6F

Monochromacy



Original Color
E300B1



Achromatopsia
585858



Achromatomaly
8B3878

CSS Examples

Text

The CSS property to change the color of the text to Hex E300B1 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 #E300B1 looks like.

```
.text, #text, p{  
    color:#E300B1  
}
```

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 #E300B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E300B1
}
```

Border

The CSS property to change the border of an element to Hex E300B1 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
#E300B1 }
```

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

```
.border{ border-color:#E300B1 }
```

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

Here you see how a box with a 4 pixel #E300B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E300B1; -webkit-box-shadow:4px 4px  
4px 4px #E300B1; box-shadow:4px 4px 4px  
4px #E300B1 }
```

Background

The CSS property to change the background color of an element to Hex E300B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E300B1 }
```

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

```
.background{ background-color:#E300B1 }
```

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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