

# Converting Colors

Hex(E300FF)

Have a look what the booklet for  
Hex(E300FF) contains.

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**Color**

**Hex(E300FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E300FF
RGB	227, 0, 255
RGB Percent	89%, 0%, 100%
CMY	0.1098, 1.0000, 0.0000
CMYK	0.11, 1.00, 0.00, 0.00
HSL	293°, 100%, 50%
HSV	293°, 100%, 100%
XYZ	49.7286, 23.5509, 96.5325
YIQ	96.9430, 53.4370, 127.4290

# Conversions

## Conversions Part 2

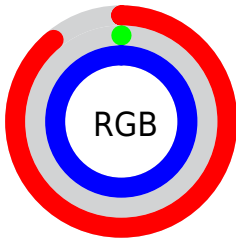
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 0, 255
Decimal	14876927
CIE <sub>Lab</sub>	55.64, 94.12, -68.62
CIE <sub>LCh</sub>	56, 116.483, 323.905
Yxy	23.5509, 0.2928, 0.1387
Android (android.graphics.Color)	4293067007 (0xFFE300FF)
YUV	96.9430, 77.9221, 114.0600
Hunter-Lab	48.5293, 97.9850, -83.9669

# Details

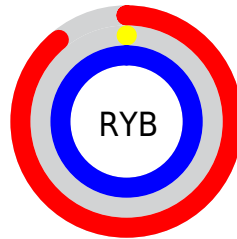
The Hex color **E300FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **1CFF00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF64FF**, and **A600C5** is the 20% darker color. If you saturate the color by 10%, you get **E300FF**, and if you desaturate by 10%, it is **E619FF**.

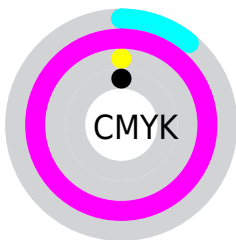
# Distribution



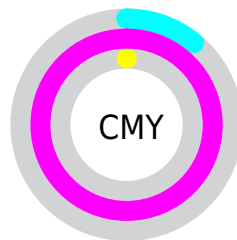
- Red (89%)
- Green (0%)
- Blue (100%)



- Red (89%)
- Yellow (0%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E300FF 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 E300FF by changing the saturation by 10% instead.



 E300FF

 E300FF

FFFFFF

 C400E2

 FF64FF

 A600C5

 FF85FF

 8800A9

 FFA4FF

 6A008E

 FFC2FF

 4C0073

 FFE1FF

 2D005A

 020041

 00032A

 000114

 E300FF

 E619FF

 E933FF

 EB4DFF

 EE66FF

 F180FF

 F499FF

 F7B3FF

 F9CCFF

 FCE6FF

# Harmonies

## Analogous

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



0075FF



E300FF



FF009F

# Triad

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



E300FF



B47B00



00ABD6

# Complementary

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



E300FF



1CFF00

# 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.



00A96D



E300FF



4F9700

# Square

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



E300FF



FB3C00



00A400



00A9FF

# Rectangle

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



E300FF



FF005D



00A400



00A0C0



# Sweetspot

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



E300FF



F7B3FF



001EFF



7A5280



000000



808080



# Same Dimension

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



E300FF



FF009D



7E7380



AA00BF



390040

# Inverse Universe

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



FF001C



00FF62



807374



BF0015



400007

# Previews

## White Background



This preview shows how the Hex color E300FF 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

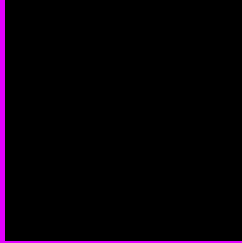
Any Text WCAG AA ✓ Pass

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 E300FF Background



This preview shows how black text looks on a background with the Hex color E300FF.



This preview shows how white text looks on a background with the Hex color E300FF.

# 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



**Original Color**  
E300FF

**Protanopia**  
3E83FF

**Deuteranopia**  
2088F0





**Tritanopia**  
D1646B

# Trichromacy



**Original Color**  
E300FF



**Protanomaly**  
7A53FF



**Deuteranomaly**  
6757F5



**Tritanomaly**  
D840A1

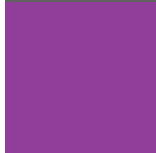
# Monochromacy



**Original Color**  
E300FF



**Achromatopsia**  
616161



**Achromatomaly**  
903E9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E300FF 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 #E300FF looks like.

```
.text, #text, p{  
    color:#E300FF  
}
```

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 #E300FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E300FF
}
```

## Border

The CSS property to change the border of an element to Hex E300FF 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
#E300FF }
```

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

```
.border{ border-color:#E300FF }
```

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

Here you see how a box with a 4 pixel #E300FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E300FF; -webkit-box-shadow:4px 4px  
4px 4px #E300FF; box-shadow:4px 4px 4px  
4px #E300FF }
```

# Background

The CSS property to change the background color of an element to Hex E300FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E300FF }
```

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

```
.background{ background-color:#E300FF }
```

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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