

# Converting Colors

Hex(E330FF)

Have a look what the booklet for  
Hex(E330FF) contains.

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# Color

Hex(E330FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	E330FF
RGB	227, 48, 255
RGB Percent	89%, 19%, 100%
CMY	0.1098, 0.8118, 0.0000
CMYK	0.11, 0.81, 0.00, 0.00
HSL	292°, 100%, 59%
HSV	292°, 81%, 100%
XYZ	50.7855, 25.6648, 96.8848
YIQ	125.1190, 40.2370, 102.3250

# Conversions

## Conversions Part 2

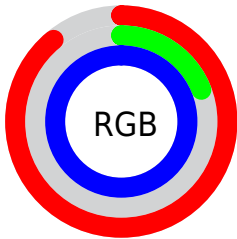
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 48, 255
Decimal	14889215
CIE Lab	57.72, 87.98, -65.27
CIE LCh	58, 109.547, 323.431
Yxy	25.6648, 0.2930, 0.1481
Android (android.graphics.Color)	4293079295 (0xFFE330FF)
YUV	125.1190, 64.0313, 89.3496
Hunter-Lab	50.6604, 90.2849, -77.9260

# Details

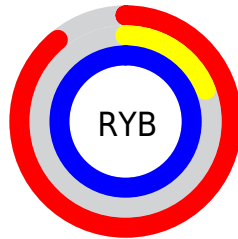
The Hex color **E330FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **4CFF30**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF75FF**, and **A700C5** is the 20% darker color. If you saturate the color by 10%, you get **E017FF**, and if you desaturate by 10%, it is **E64AFF**.

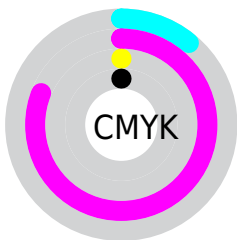
# Distribution



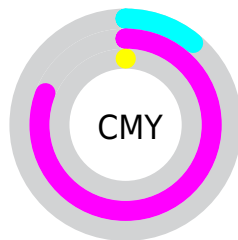
- Red (89%)
- Green (19%)
- Blue (100%)



- Red (89%)
- Yellow (19%)
- Blue (100%)



- Cyan (11%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (81%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E330FF 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 E330FF by changing the saturation by 10% instead.



 E330FF

 E330FF

FFFFFF

 C500E2

 FF75FF

 A700C5

 FF94FF

 8900A9

 FFB2FF

 6B008E

 FFD0FF

 4E0074

 FFEFFF

 31005A

 090041

 00032A

 000114

 E330FF

 E330FF

 E017FF

 E64AFF

 DD00FF

 EA63FF

 ED7DFF

 F196FF

 F4B0FF

 F8C9FF

 FBE3FF

 FFFCFF

FFFFFF

# Harmonies

## Analogous

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



007CFF



E330FF



FF00A4

# Triad

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



E330FF



BA8000



00B0D5

# Complementary

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



E330FF



4CFF30

# 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.



00AE72



E330FF



5F9B00

# Square

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



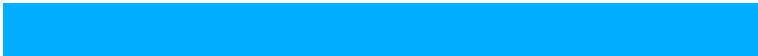
E330FF



FD4A00



00A800



00ADFF

# Rectangle

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



E330FF



FF0065



00A800



00B0B5



# Sweetspot

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



E330FF



F7C2FF



304FFF



7A5B80



000000



808080



# Same Dimension

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



E330FF



DE08FF



FF30B7



7E7380



A500BF



370040



# Inverse Universe

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



FF304C



FF0829



30FF78



807374



BF001A



400009



# Previews

## White Background



This preview shows how the Hex color E330FF 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

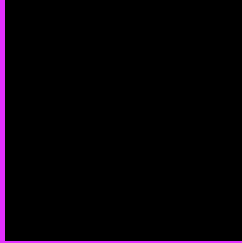
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E330FF Background



This preview shows how black text looks on a background with the Hex color E330FF.




This preview shows how white text looks on a background with the Hex color E330FF.

# 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**  
D16B73

# Trichromacy



**Original Color**  
E330FF



**Protanomaly**  
8267FF



**Deuteranomaly**  
766BF6



**Tritanomaly**  
D856A6

# Monochromacy



**Original Color**  
E330FF



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
A261AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E330FF 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 #E330FF looks like.

```
.text, #text, p{  
    color:#E330FF  
}
```

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 #E330FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E330FF
}
```

## Border

The CSS property to change the border of an element to Hex E330FF 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
#E330FF }
```

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

```
.border{ border-color:#E330FF }
```

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

Here you see how a box with a 4 pixel #E330FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E330FF; -webkit-box-shadow:4px 4px  
4px 4px #E330FF; box-shadow:4px 4px 4px  
4px #E330FF }
```

# Background

The CSS property to change the background color of an element to Hex E330FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E330FF }
```

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

```
.background{ background-color:#E330FF }
```

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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