

# Converting Colors

Hex(E330AE)

Have a look what the booklet for  
Hex(E330AE) contains.

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# Color

Hex(**E330AE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	E330AE
RGB	227, 48, 174
RGB Percent	89%, 19%, 68%
CMY	0.1098, 0.8118, 0.3176
CMYK	0.00, 0.79, 0.23, 0.11
HSL	318°, 76%, 54%
HSV	318°, 79%, 89%
XYZ	40.3755, 21.5008, 42.0664
YIQ	115.8850, 66.2380, 77.1340

# Conversions

## Conversions Part 2

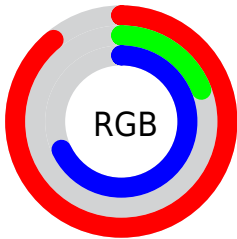
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 48, 174
Decimal	14889134
CIE <sub>Lab</sub>	53.49, 76.32, -25.85
CIE <sub>LCh</sub>	53, 80.582, 341.290
Yxy	21.5008, 0.3884, 0.2069
Android (android.graphics.Color)	4293079214 (0xFFE330AE)
YUV	115.8850, 28.6507, 97.4479
Hunter-Lab	46.3689, 74.2822, -21.3303

# Details

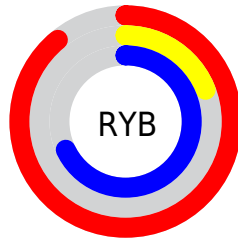
The Hex color **E330AE** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **30E365**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF72E6**, and **A70079** is the 20% darker color. If you saturate the color by 10%, you get **E319A7**, and if you desaturate by 10%, it is **E347B5**.

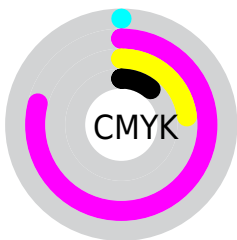
# Distribution



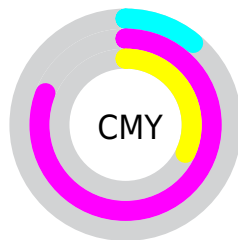
- Red (89%)
- Green (19%)
- Blue (68%)



- Red (89%)
- Yellow (19%)
- Blue (68%)



- Cyan (0%)
- Magenta (79%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (81%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E330AE 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 E330AE by changing the saturation by 10% instead.



 E330AE

 E330AE

FFFFFF

 C50093

 FF72E6

 A70079

 FF90FF

 8A0060

 FFADFF

 6D0048

 FFCBFF

 510031

 FFE9FF

 34001C

 0D0000

 000000

 E330AE

 E330AE

 E319A7

 E347B5

 E303A1

 E35DBB

 E300A0

 E374C2

 E38BC9

 E3A1D0

 E3B8D6

 E3CFDD

 E3E6E4

 E3FCEA

# Harmonies

## Analogous

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



A05EEA



E330AE



F71969

# Triad

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



E330AE



838500



009CDB

# Complementary

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



E330AE



30E365

# 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.



009D99



E330AE



2B9400

# Square

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



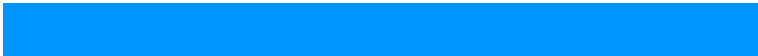
E330AE



BE6C00



009B50



0094FF

# Rectangle

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



E330AE



F0373C



009B50



009DC7



# Sweetspot

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



E330AE



FFC2ED



6330E3



805B75



000000



808080



# Same Dimension

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



E330AE



FF0DB7



E33057



73676F



B3007E



330024



# Inverse Universe

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



E330AE



FF0DB7



30E3BC



73676F



B3007E



330024



# Previews

## White Background



This preview shows how the Hex color E330AE 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 E330AE Background



This preview shows how black text looks on a background with the Hex color E330AE.



This preview shows how white text looks on a background with the Hex color E330AE.

# Color Blindness Simulation

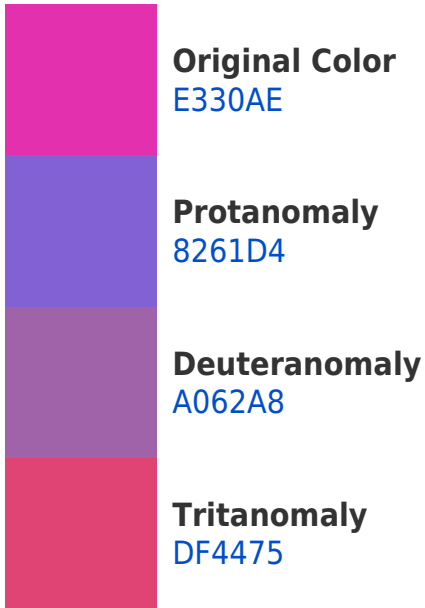
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

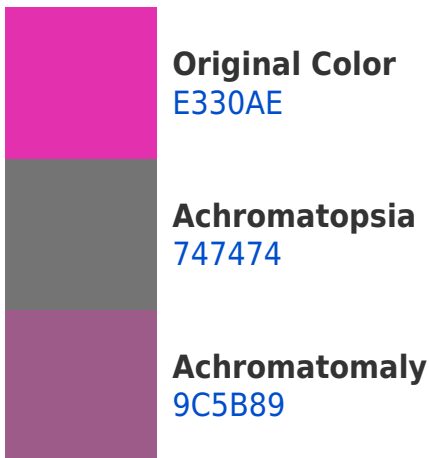




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E330AE 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 #E330AE looks like.

```
.text, #text, p{  
    color:#E330AE  
}
```

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 #E330AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E330AE
}
```

## Border

The CSS property to change the border of an element to Hex E330AE 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
#E330AE }
```

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

```
.border{ border-color:#E330AE }
```

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

Here you see how a box with a 4 pixel #E330AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E330AE; -webkit-box-shadow:4px 4px  
4px 4px #E330AE; box-shadow:4px 4px 4px  
4px #E330AE }
```

# Background

The CSS property to change the background color of an element to Hex E330AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E330AE }
```

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

```
.background{ background-color:#E330AE }
```

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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