

# Converting Colors

Hex(EA00E4)

Have a look what the booklet for  
Hex(EA00E4) contains.

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# Color

Hex(EA00E4)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA00E4
RGB	234, 0, 228
RGB Percent	92%, 0%, 89%
CMY	0.0824, 1.0000, 0.1059
CMYK	0.00, 1.00, 0.03, 0.08
HSL	302°, 100%, 46%
HSV	302°, 100%, 92%
XYZ	47.9353, 23.0939, 75.3299
YIQ	95.9580, 66.2760, 120.5160

# Conversions

## Conversions Part 2

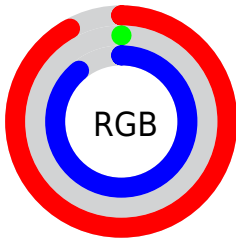
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 0, 228
Decimal	15335652
CIELab	55.17, 91.23, -54.18
CIElCh	55, 106.108, 329.293
Yxy	23.0939, 0.3275, 0.1578
Android (android.graphics.Color)	4293525732 (0xFFEA00E4)
YUV	95.9580, 65.0967, 121.0628
Hunter-Lab	48.0561, 93.9532, -59.3003

# Details

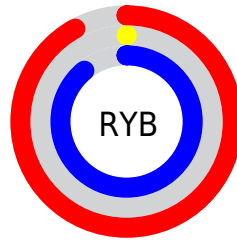
The Hex color **EA00E4** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **00EA06**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF64FF**, and **AD00AC** is the 20% darker color. If you saturate the color by 10%, you get **EA00E4**, and if you desaturate by 10%, it is **EA17E5**.

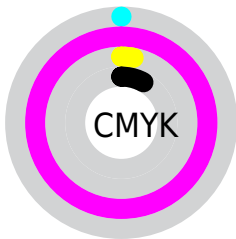
# Distribution



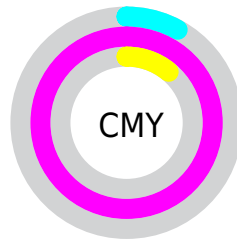
- Red (92%)
- Green (0%)
- Blue (89%)



- Red (92%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA00E4 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 EA00E4 by changing the saturation by 10% instead.



 EA00E4

 EA00E4

FFFFFF

 CB00C8

 FF64FF

 AD00AC

 FF84FF

 8F0091

 FFA3FF

 720076

 FFC2FF

 55005D

 FFE1FF

 380044

 19002D

 000117

 000000

 EA00E4

 EA17E5

 EA2FE5

 EA46E6

 EA5EE6

 EA75E7

 EA8CE8

 EAA4E8

 EABBE9

 EAD3E9

# Harmonies

## Analogous

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



5B6CFF



EA00E4



FF008B

# Triad

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



EA00E4



A38100



00A8DD

# Complementary

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



EA00E4



00EA06

# 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.



00A67F



EA00E4



409700

# Square

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



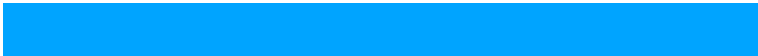
EA00E4



E75300



00A20B



00A4FF

# Rectangle

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



EA00E4



FF004F



00A20B



00A8BF



# Sweetspot

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



EA00E4



FFB3FD



0400EA



80527E



000000



808080



# Same Dimension

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



EA00E4



FF00F8



EA0071



756A75



B500B0



360034



# Inverse Universe

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



EA00E4



FF00F8



00EA79



756A75



B500B0



360034



# Previews

## White Background



This preview shows how the Hex color EA00E4 looks on a white background.

## Color Contrast Check

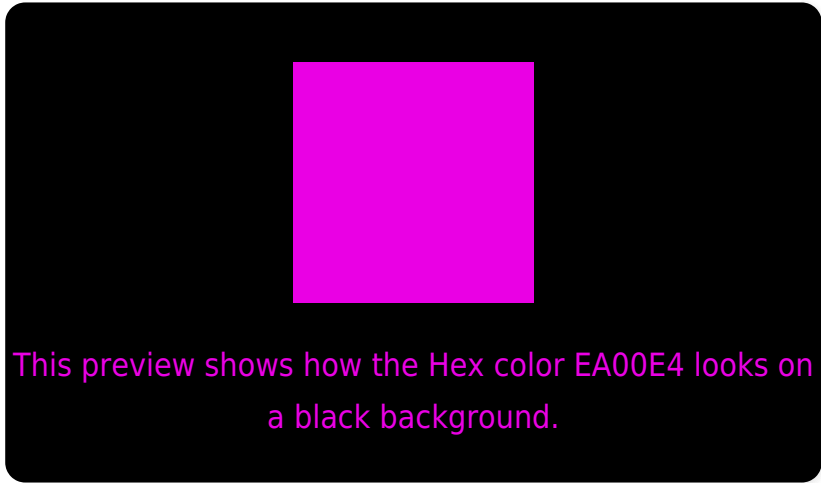
Large Text (above 18pt) WCAG AA ✓ Pass

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

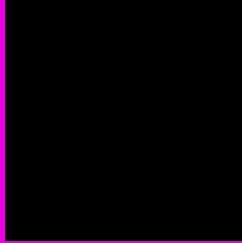
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex EA00E4 Background



This preview shows how black text looks on a background with the Hex color EA00E4.

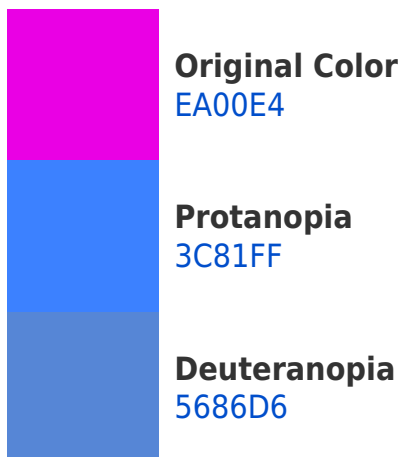


This preview shows how white text looks on a background with the Hex color EA00E4.

# 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



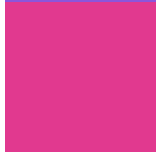
**Original Color**  
EA00E4



**Protanomaly**  
7B52F5



**Deuteranomaly**  
8C55DB



**Tritanomaly**  
E1398F

# Monochromacy



**Original Color**  
EA00E4



**Achromatopsia**  
606060



**Achromatomaly**  
923D90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA00E4 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 #EA00E4 looks like.

```
.text, #text, p{  
    color:#EA00E4  
}
```

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 #EA00E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA00E4
}
```

## Border

The CSS property to change the border of an element to Hex EA00E4 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
#EA00E4 }
```

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

```
.border{ border-color:#EA00E4 }
```

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

Here you see how a box with a 4 pixel #EA00E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA00E4; -webkit-box-shadow:4px 4px  
4px 4px #EA00E4; box-shadow:4px 4px 4px  
4px #EA00E4 }
```

# Background

The CSS property to change the background color of an element to Hex EA00E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA00E4 }
```

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

```
.background{ background-color:#EA00E4 }
```

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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