

# Converting Colors

Hex(E000A3)

Have a look what the booklet for  
Hex(E000A3) contains.

<b>Hex(E000A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(E000A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	E000A3
RGB	224, 0, 163
RGB Percent	88%, 0%, 64%
CMY	0.1216, 1.0000, 0.3608
CMYK	0.00, 1.00, 0.27, 0.12
HSL	316°, 100%, 44%
HSV	316°, 100%, 88%
XYZ	37.3513, 18.4916, 36.2509
YIQ	85.5580, 81.1810, 98.1810

# Conversions

## Conversions Part 2

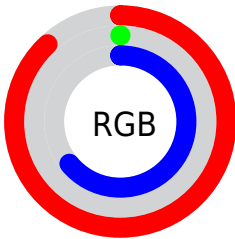
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 0, 163
Decimal	14680227
CIE <sub>Lab</sub>	50.09, 81.38, -24.67
CIE <sub>LCh</sub>	50, 85.035, 343.132
Yxy	18.4916, 0.4056, 0.2008
Android (android.graphics.Color)	4292870307 (0xFFE000A3)
YUV	85.5580, 38.1789, 121.4136
Hunter-Lab	43.0019, 79.7913, -19.8806

# Details

The Hex color **E000A3** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **00E03D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5FDA**, and **A3006F** is the 20% darker color. If you saturate the color by 10%, you get **E000A3**, and if you desaturate by 10%, it is **E016A9**.

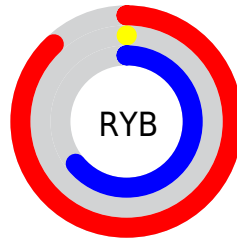
# Distribution



Red (88%)

Green (0%)

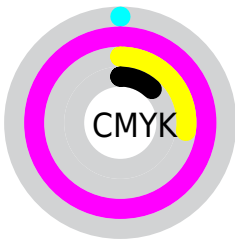
Blue (64%)



Red (88%)

Yellow (0%)

Blue (64%)

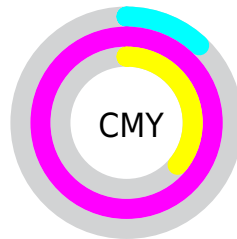


Cyan (0%)

Magenta (100%)

Yellow (27%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E000A3 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 E000A3 by changing the saturation by 10% instead.



 E000A3

 E000A3

FFFFFF

 C10089

 FF5FDA

 A3006F

 FF7EF7

 860056

 FF9CFF

 68003F


 FFBAFF

 4D0029

 FFD9FF

 2F0012

 FFF7FF

 000000

 E000A3

 E016A9

 E02DAF

 E043B5

 E05ABB

 E070C1

 E086C8

 E09DCE

 E0B3D4

 E0CADA

# Harmonies

## Analogous

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



9E50E2



E000A3



F1005B

# Triad

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



E000A3



747E00



0094DA

# Complementary

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



E000A3



00E03D

# 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.



009596



E000A3



008C00

# Square

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



E000A3



B26400



00924A



008BFF

# Rectangle

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



E000A3



E8222C



00924A



0095C5



# Sweetspot

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



E000A3



FFB3EA



3C00E0



805273



000000



808080



# Same Dimension

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



E000A3



FF00BA



E00034



70656D



B00080



300023



# Inverse Universe

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



E000A3



FF00BA



00E0AC



70656D



B00080



300023



# Previews

## White Background



This preview shows how the Hex color E000A3 looks on a white background.

## Color Contrast Check

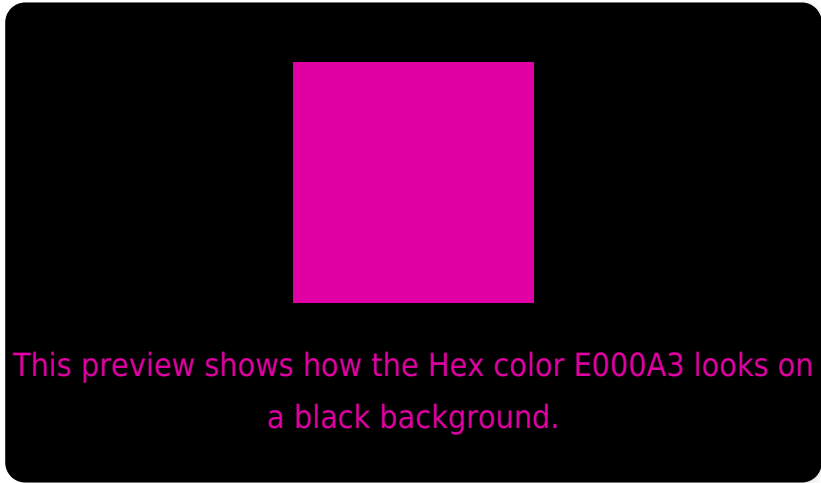
Large Text (above 18pt) WCAG AA ✓ Pass

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 E000A3 Background



This preview shows how black text looks on a background with the Hex color E000A3.

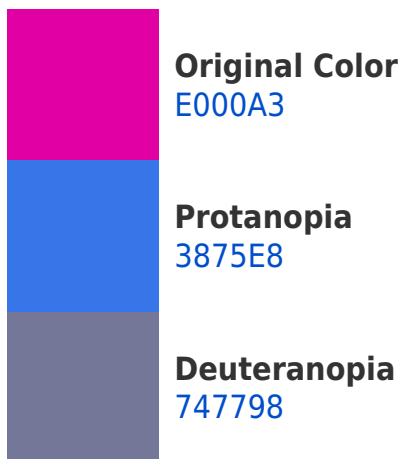


This preview shows how white text looks on a background with the Hex color E000A3.

# 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**  
D94043

# Trichromacy



**Original Color**  
E000A3



**Protanomaly**  
754ACF



**Deuteranomaly**  
9B4C9C



**Tritanomaly**  
DC2966

# Monochromacy



**Original Color**  
E000A3



**Achromatopsia**  
565656



**Achromatomaly**  
883772

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E000A3 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 #E000A3 looks like.

```
.text, #text, p{  
    color:#E000A3  
}
```

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 #E000A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E000A3
}
```

## Border

The CSS property to change the border of an element to Hex E000A3 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
#E000A3 }
```

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

```
.border{ border-color:#E000A3 }
```

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

Here you see how a box with a 4 pixel #E000A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E000A3; -webkit-box-shadow:4px 4px  
4px 4px #E000A3; box-shadow:4px 4px 4px  
4px #E000A3 }
```

# Background

The CSS property to change the background color of an element to Hex E000A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E000A3 }
```

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

```
.background{ background-color:#E000A3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor