

# Converting Colors

Hex(DE00A0)

Have a look what the booklet for  
Hex(DE00A0) contains.

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**Color**

**Hex(DE00A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE00A0
RGB	222, 0, 160
RGB Percent	87%, 0%, 63%
CMY	0.1294, 1.0000, 0.3725
CMYK	0.00, 1.00, 0.28, 0.13
HSL	317°, 100%, 44%
HSV	317°, 100%, 87%
XYZ	36.4694, 18.0677, 34.8230
YIQ	84.6180, 80.9520, 96.8240

# Conversions

## Conversions Part 2

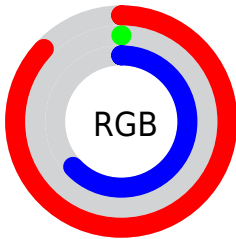
Format	Color
<b>R<sub>YB</sub></b>	222, 0, 160
Decimal	14549152
CIE <sub>Lab</sub>	49.58, 80.66, -23.71
CIE <sub>LCh</sub>	50, 84.076, 343.622
Yxy	18.0677, 0.4081, 0.2022
Android (android.graphics.Color)	4292739232 (0xFFDE00A0)
YUV	84.6180, 37.1633, 120.4840
Hunter-Lab	42.5061, 78.7638, -18.8189

# Details

The Hex color **DE00A0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00DE3E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5ED7**, and **A1006C** is the 20% darker color. If you saturate the color by 10%, you get **DE00A0**, and if you desaturate by 10%, it is **DE16A6**.

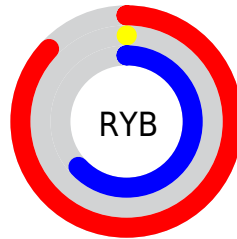
# Distribution



Red (87%)

Green (0%)

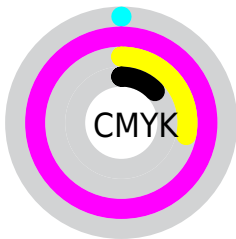
Blue (63%)



Red (87%)

Yellow (0%)

Blue (63%)

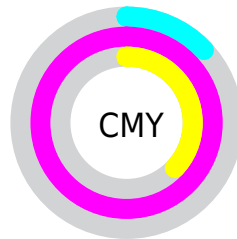


Cyan (0%)

Magenta (100%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE00A0 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 DE00A0 by changing the saturation by 10% instead.



 DE00A0

 DE00A0

FFFFFF

 C00086

 FF5ED7

 A1006C

 FF7DF3

 840054

 FF9CFF

 66003C

 FFBAFF

 4B0027

 FFD8FF

 2D000F

 FFF6FF

 000000

 DE00A0

 DE16A6

 DE2CAC

 DE43B3

 DE59B9

 DE6FBF

 DE85C5

 DE9BCB

 DEB2D2

 DEC8D8

# Harmonies

## Analogous

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



9D4DFD



DE00A0



EF0059

# Triad

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



DE00A0



727D00



0092D8

# Complementary

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



DE00A0



00DE3E

# 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.



009396



DE00A0



008B00

# Square

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



DE00A0



AF6400



00914A



0089FF

# Rectangle

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



DE00A0



E5242B



00914A



0093C4



# Sweetspot

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



DE00A0



FFB3EA



3B00DE



805273



000000



808080



# Same Dimension

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



DE00A0



FF00B8



DE0034



70656D



B0007F



300023



# Inverse Universe

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



DE00A0



FF00B8



00DEAA



70656D



B0007F



300023



# Previews

## White Background



This preview shows how the Hex color DE00A0 looks on a white background.

## Color Contrast Check

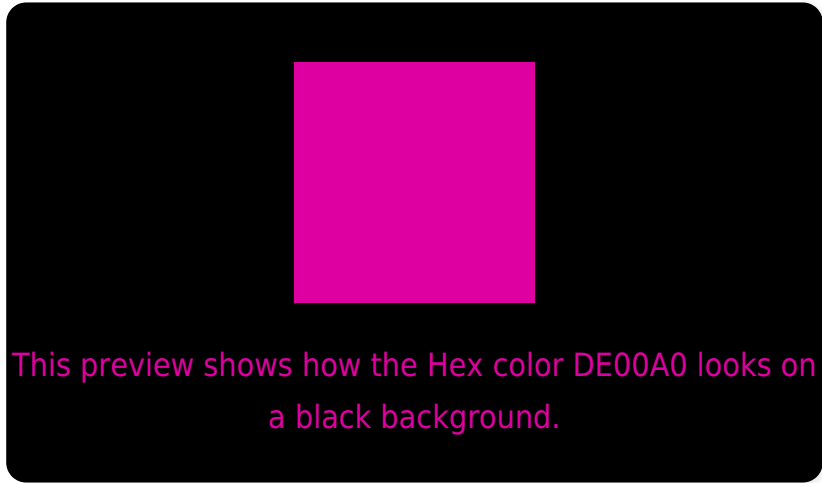
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 DE00A0 Background



This preview shows how black text looks on a background with the Hex color DE00A0.



This preview shows how white text looks on a background with the Hex color DE00A0.

# 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**  
D73F42

# Trichromacy



**Original Color**  
DE00A0



**Protanomaly**  
764ACB



**Deuteranomaly**  
9B4A9A



**Tritanomaly**  
DA2864

# Monochromacy



**Original Color**  
DE00A0



**Achromatopsia**  
555555



**Achromatomaly**  
873670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE00A0 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 #DE00A0 looks like.

```
.text, #text, p{  
    color:#DE00A0  
}
```

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 #DE00A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE00A0
}
```

## Border

The CSS property to change the border of an element to Hex DE00A0 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
#DE00A0 }
```

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

```
.border{ border-color:#DE00A0 }
```

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

Here you see how a box with a 4 pixel #DE00A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE00A0; -webkit-box-shadow:4px 4px  
4px 4px #DE00A0; box-shadow:4px 4px 4px  
4px #DE00A0 }
```

# Background

The CSS property to change the background color of an element to Hex DE00A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE00A0 }
```

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

```
.background{ background-color:#DE00A0 }
```

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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