

# Converting Colors

Hex(D03EA7)

Have a look what the booklet for  
Hex(D03EA7) contains.

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# Color

**Hex(D03EA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D03EA7
RGB	208, 62, 167
RGB Percent	82%, 24%, 65%
CMY	0.1843, 0.7569, 0.3451
CMYK	0.00, 0.70, 0.20, 0.18
HSL	317°, 61%, 53%
HSV	317°, 70%, 82%
XYZ	34.7101, 19.6452, 38.5217
YIQ	117.6240, 53.3110, 63.6070

# Conversions

## Conversions Part 2

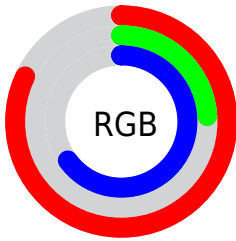
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 62, 167
Decimal	13647527
CIE <sub>Lab</sub>	51.43, 66.73, -25.19
CIE <sub>LCh</sub>	51, 71.324, 339.320
Yxy	19.6452, 0.3737, 0.2115
Android (android.graphics.Color)	4291837607 (0xFFD03EA7)
YUV	117.6240, 24.3424, 79.2598
Hunter-Lab	44.3229, 62.2218, -20.5038

# Details

The Hex color **D03EA7** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3ED067**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF79DE**, and **960073** is the 20% darker color. If you saturate the color by 10%, you get **D029A1**, and if you desaturate by 10%, it is **D053AD**.

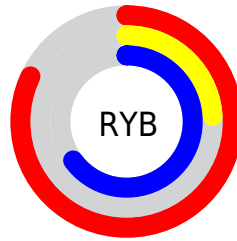
# Distribution



Red (82%)

Green (24%)

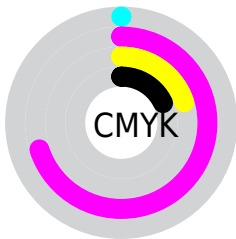
Blue (65%)



Red (82%)

Yellow (24%)

Blue (65%)

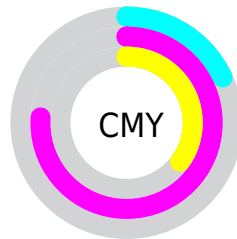


Cyan (0%)

Magenta (70%)

Yellow (20%)

Black (18%)



Cyan (18%)

Magenta (76%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D03EA7 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 D03EA7 by changing the saturation by 10% instead.



 D03EA7

 D03EA7

FFFFFF

 B3198C

 FF79DE

 960073

 FF96FB

 79005A

 FFB2FF

 5D0042

 FFD0FF

 43002C

 FFEDFF

 270016

 000000

 D03EA7

 D03EA7

 D029A1

 D053AD

 D0149B

 D068B3

 D00096

 D07CB9

 D091BE

 D0A6C4

 D0BBCA

 D0D0D0

 D0E4D6

 D0F9DC

# Harmonies

## Analogous

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



9260DA



D03EA7



E52F6A

# Triad

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



D03EA7



837E00



0094C7

# Complementary

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



D03EA7



3ED067

# 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.



00958D



D03EA7



3D8C00

# Square

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



D03EA7



B66800



00934D



008DED

# Rectangle

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



D03EA7



E03E43



00934D



0095B5



# Sweetspot

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



D03EA7



FFC9F0



653ED0



806077



000000



808080



# Same Dimension

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



D03EA7



FF29C3



D03E60



695E66



A80079



29001D



# Inverse Universe

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



D03EA7



FF29C3



3ED0AE



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color D03EA7 looks on a white background.

## Color Contrast Check

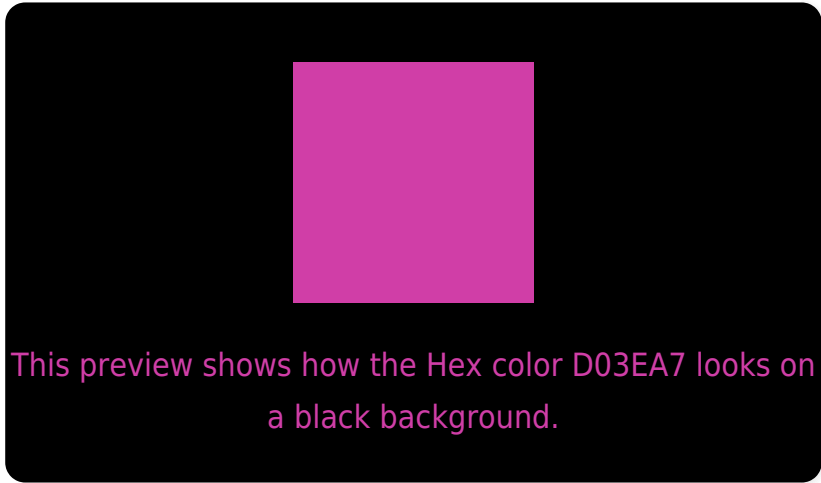
Large Text (above 18pt) WCAG AA ✓ Pass

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 D03EA7 Background



This preview shows how black text looks on a background with the Hex color D03EA7.

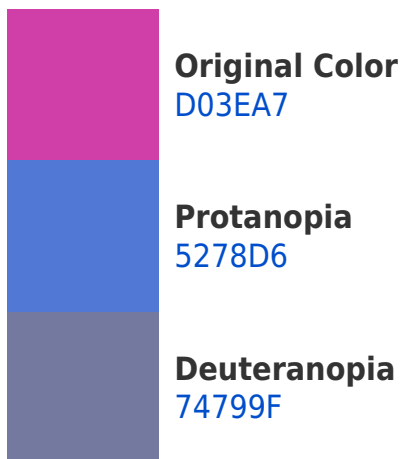



This preview shows how white text looks on a background with the Hex color D03EA7.

# 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](#).

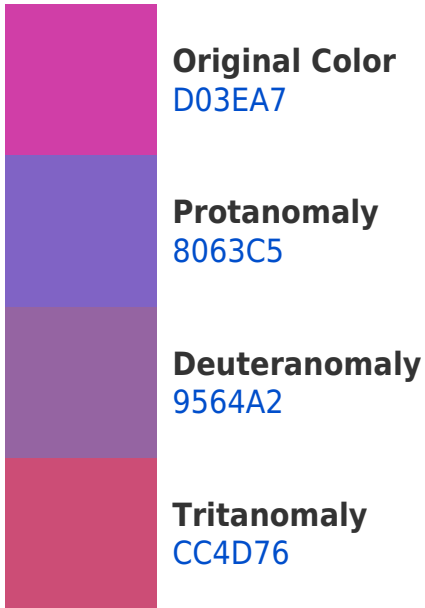
## Dichromacy



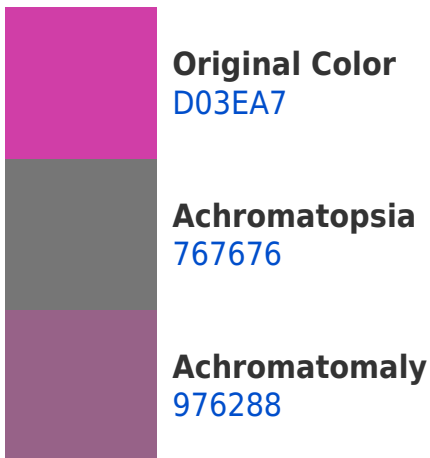


**Tritanopia**  
C9555A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D03EA7 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 #D03EA7 looks like.

```
.text, #text, p{  
    color:#D03EA7  
}
```

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 #D03EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03EA7
}
```

## Border

The CSS property to change the border of an element to Hex D03EA7 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
#D03EA7 }
```

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

```
.border{ border-color:#D03EA7 }
```

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

Here you see how a box with a 4 pixel #D03EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03EA7; -webkit-box-shadow:4px 4px  
4px 4px #D03EA7; box-shadow:4px 4px 4px  
4px #D03EA7 }
```

# Background

The CSS property to change the background color of an element to Hex D03EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03EA7 }
```

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

```
.background{ background-color:#D03EA7 }
```

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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