

# Converting Colors

Hex(D0007E)

Have a look what the booklet for  
Hex(D0007E) contains.

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# Color

**Hex(D0007E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0007E
RGB	208, 0, 126
RGB Percent	82%, 0%, 49%
CMY	0.1843, 1.0000, 0.5059
CMYK	0.00, 1.00, 0.39, 0.18
HSL	324°, 100%, 41%
HSV	324°, 100%, 82%
XYZ	29.7783, 14.9163, 21.0483
YIQ	76.5560, 83.5220, 83.2820

# Conversions

## Conversions Part 2

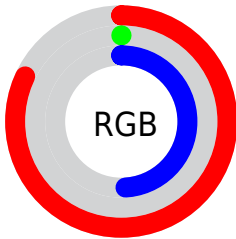
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 0, 126
Decimal	13631614
CIE <sub>Lab</sub>	45.52, 74.42, -9.57
CIE <sub>LCh</sub>	46, 75.036, 352.669
Yxy	14.9163, 0.4530, 0.2269
Android (android.graphics.Color)	4291821694 (0xFFD0007E)
YUV	76.5560, 24.3759, 115.2764
Hunter-Lab	38.6216, 70.0408, -5.2772

# Details

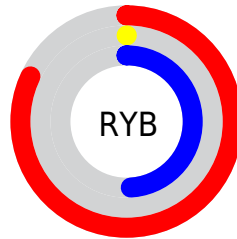
The Hex color **D0007E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00D052**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5AB3**, and **94004D** is the 20% darker color. If you saturate the color by 10%, you get **D0007E**, and if you desaturate by 10%, it is **D01586**.

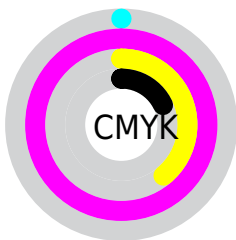
# Distribution



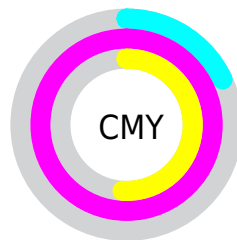
- Red (82%)
- Green (0%)
- Blue (49%)



- Red (82%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0007E 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 D0007E by changing the saturation by 10% instead.



 D0007E

 D0007E

FFFFFF

 B20065

 FF5AB3

 94004D

 FF78CE

 760036

 FF96EA

 590021

 FFB3FF

 3D0007

 FFD1FF

 190001

 FFEFFF

 000000

 D0007E

 D01586

 D02A8E

 D03E97

 D0539F

 D068A7

 D07DAF

 D092B7

 D0A6C0

 D0BBC8

# Harmonies

## Analogous

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



A63DB9



D0007E



D41440

# Triad

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



D0007E



567700



0083D0

# Complementary

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



D0007E



00D052

# 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.



00869B



D0007E



008010

# Square

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



D0007E



906400



00855A



0079EA

# Rectangle

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



D0007E



C73715



00855A



0085C0



# Sweetspot

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



D0007E



FFB3E1



5000D0



80526D



000000



808080



# Same Dimension

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



D0007E



FF009A



D00018



695E64



A80066



290019



# Inverse Universe

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



D0007E



FF009A



00D0B8



695E64



A80066



290019



# Previews

## White Background



This preview shows how the Hex color D0007E looks on a white background.

## Color Contrast Check

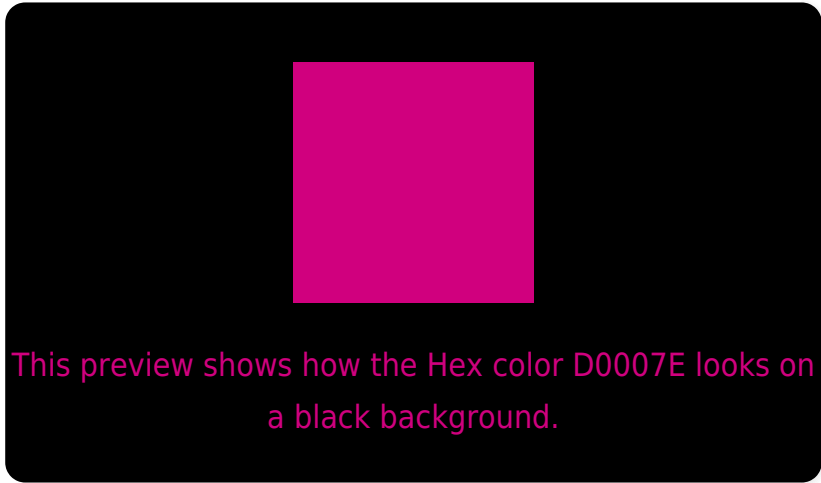
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D0007E Background



This preview shows how black text looks on a background with the Hex color D0007E.

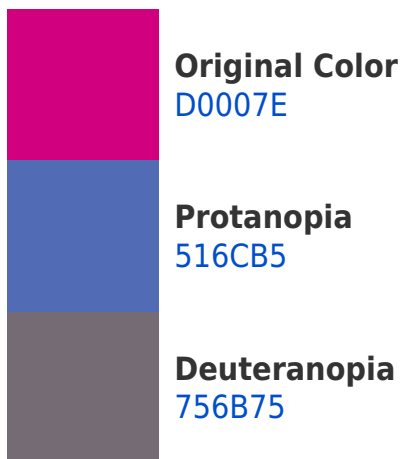


This preview shows how white text looks on a background with the Hex color D0007E.

# 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**  
D0007E



**Protanomaly**  
7F45A1



**Deuteranomaly**  
964478



**Tritanomaly**  
CD204E

# Monochromacy



**Original Color**  
D0007E



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
7D315F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0007E 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 #D0007E looks like.

```
.text, #text, p{  
    color:#D0007E  
}
```

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 #D0007E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0007E
}
```

## Border

The CSS property to change the border of an element to Hex D0007E 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
#D0007E }
```

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

```
.border{ border-color:#D0007E }
```

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

Here you see how a box with a 4 pixel #D0007E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0007E; -webkit-box-shadow:4px 4px  
4px 4px #D0007E; box-shadow:4px 4px 4px  
4px #D0007E }
```

# Background

The CSS property to change the background color of an element to Hex D0007E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0007E }
```

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

```
.background{ background-color:#D0007E }
```

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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