

Converting Colors

Hex(DE007B)

Have a look what the booklet for
Hex(DE007B) contains.

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Color

Hex(DE007B)

Conversions

Conversions Part 1

Format	Color
Hex	DE007B
RGB	222, 0, 123
RGB Percent	87%, 0%, 48%
CMY	0.1294, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.45, 0.13
HSL	327°, 100%, 44%
HSV	327°, 100%, 87%
XYZ	33.6994, 16.9597, 20.2363
YIQ	80.4000, 92.8290, 85.3170

Conversions

Conversions Part 2

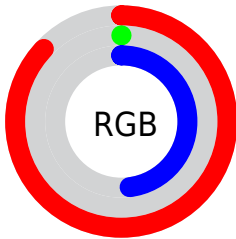
Format	Color
RYB	222, 0, 123
Decimal	14549115
CIELab	48.21, 77.12, -3.43
CIELCh	48, 77.199, 357.454
Yxy	16.9597, 0.4753, 0.2392
Android (android.graphics.Color)	4292739195 (0xFFDE007B)
YUV	80.4000, 21.0018, 124.1832
Hunter-Lab	41.1821, 73.9980, -0.3068

Details

The Hex color **DE007B** 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 **00DE63**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5CAF**, and **A0004B** is the 20% darker color. If you saturate the color by 10%, you get **DE007B**, and if you desaturate by 10%, it is **DE1685**.

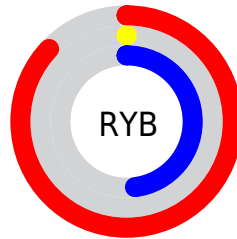
Distribution



Red (87%)

Green (0%)

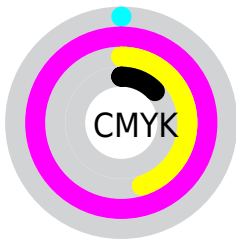
Blue (48%)



Red (87%)

Yellow (0%)

Blue (48%)

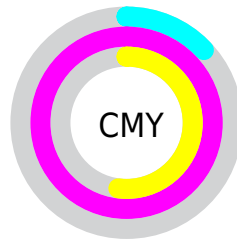


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE007B 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 DE007B by changing the saturation by 10% instead.

 DE007B

 DE007B

FFFFFF

 BF0062

 FF5CAF

 A0004B

 FF7BCB

 820034

 FF99E7

 64001F

 FFB7FF

 480005

 FFD5FF

 280001

 FFF4FF

 000000

 DE007B

 DE1685

 DE2C8F

 DE4399

 DE59A3

 DE6FAC

 DE85B6

 DE9BC0

 DEB2CA

 DEC8D4

Harmonies

Analogous

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



B93BBA



DE007B



DD243B

Triad

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



DE007B



508000



008AE1

Complementary

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



DE007B



00DE63

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.



008EAD



DE007B



008923

Square

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



DE007B



906E00



008D6B



007DF7

Rectangle

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



DE007B



CC430A



008D6B



008CD2

Sweetspot

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



DE007B



FFB3DD



6000DE



80526B



000000



808080

Same Dimension

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



DE007B



FF008D



DE000F



70656B



B00061



30001B

Inverse Universe

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



DE007B



FF008D



00DECF



70656B



B00061



30001B

Previews

White Background



This preview shows how the Hex color DE007B looks on a white background.

Color Contrast Check

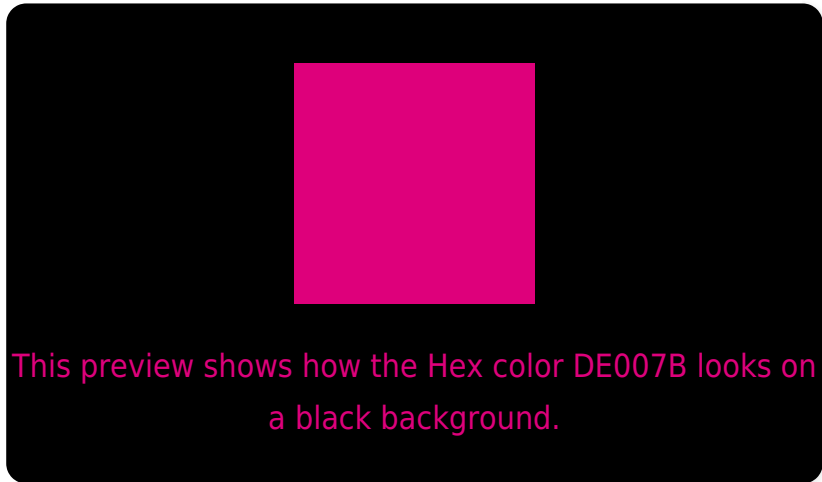
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE007B Background



This preview shows how black text looks on a background with the Hex color DE007B.



This preview shows how white text looks on a background with the Hex color DE007B.

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



Original Color
DE007B

Protanopia
5E72B1

Deuteranopia
817172

Trichromacy



Original Color
DE007B



Protanomaly
8D499D



Deuteranomaly
A34875

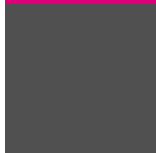


Tritanomaly
DB1F4D

Monochromacy



Original Color
DE007B



Achromatopsia
505050



Achromatomaly
843360

CSS Examples

Text

The CSS property to change the color of the text to Hex DE007B 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 #DE007B looks like.

```
.text, #text, p{  
  color:#DE007B  
}
```

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 #DE007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE007B
}
```

Border

The CSS property to change the border of an element to Hex DE007B 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
#DE007B }
```

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

```
.border{ border-color:#DE007B }
```

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

Here you see how a box with a 4 pixel #DE007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE007B; -webkit-box-shadow:4px 4px  
4px 4px #DE007B; box-shadow:4px 4px 4px  
4px #DE007B }
```

Background

The CSS property to change the background color of an element to Hex DE007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE007B }
```

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

```
.background{ background-color:#DE007B }
```

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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