

Converting Colors

Hex(E3007D)

Have a look what the booklet for
Hex(E3007D) contains.

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Color

Hex(E3007D)

Conversions

Conversions Part 1

Format	Color
Hex	E3007D
RGB	227, 0, 125
RGB Percent	89%, 0%, 49%
CMY	0.1098, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.45, 0.11
HSL	327°, 100%, 45%
HSV	327°, 100%, 89%
XYZ	35.3802, 17.8116, 20.9753
YIQ	82.1230, 95.1670, 86.9990

Conversions

Conversions Part 2

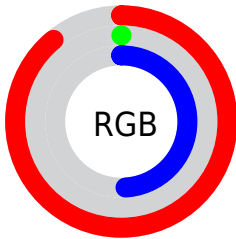
Format	Color
R_{YB}	227, 0, 125
Decimal	14876797
CIE Lab	49.27, 78.35, -2.98
CIE LCh	49, 78.410, 357.822
Yxy	17.8116, 0.4770, 0.2402
Android (android.graphics.Color)	4293066877 (0xFFE3007D)
YUV	82.1230, 21.1384, 127.0571
Hunter-Lab	42.2037, 75.7835, 0.0755

Details

The Hex color **E3007D** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **00E366**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5EB1**, and **A5004C** is the 20% darker color. If you saturate the color by 10%, you get **E3007D**, and if you desaturate by 10%, it is **E31787**.

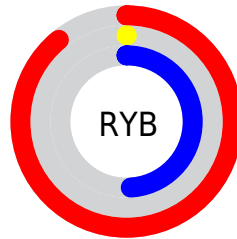
Distribution



Red (89%)

Green (0%)

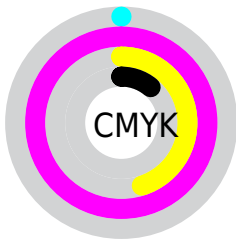
Blue (49%)



Red (89%)

Yellow (0%)

Blue (49%)

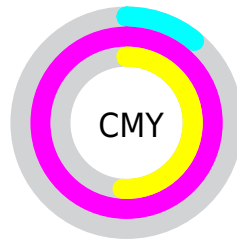


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3007D 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 E3007D by changing the saturation by 10% instead.

 E3007D

 E3007D

FFFFFF

 C40064

 FF5EB1

 A5004C

 FF7DCD

 870036

 FF9BE9

 680021

 FFB9FF

 4C0008

 FFD7FF

 2C0001

 FFF5FF

 000000

 E3007D

 E31787

 E32D91

 E3449C

 E35BA6

 E372B0

 E388BA

 E39FC4

 E3B6CF

 E3CCD9

Harmonies

Analogous

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



BE3CBD



E3007D



E2253C

Triad

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



E3007D



518300



008DE6

Complementary

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



E3007D



00E366

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.



0091B2



E3007D



008C25

Square

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



E3007D



937100



00906E



0080FC

Rectangle

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



E3007D



D04609



00906E



008FD8

Sweetspot

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



E3007D



FFB3DD



6200E3



80526B



000000



808080

Same Dimension

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



E3007D



FF008C



E3000F



73676E



B30062



33001C

Inverse Universe

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



E3007D



FF008C



00E3D4



73676E



B30062



33001C

Previews

White Background



This preview shows how the Hex color E3007D 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 E3007D Background



This preview shows how black text looks on a background with the Hex color E3007D.



This preview shows how white text looks on a background with the Hex color E3007D.

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
E3007D



Protanomaly
904AA0



Deuteranomaly
A74977

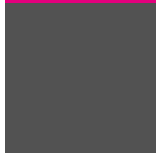


Tritanomaly
E0204D

Monochromacy



Original Color
E3007D



Achromatopsia
525252



Achromatomaly
873462

CSS Examples

Text

The CSS property to change the color of the text to Hex E3007D 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 #E3007D looks like.

```
.text, #text, p{  
    color:#E3007D  
}
```

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 #E3007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3007D
}
```

Border

The CSS property to change the border of an element to Hex E3007D 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
#E3007D }
```

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

```
.border{ border-color:#E3007D }
```

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

Here you see how a box with a 4 pixel #E3007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3007D; -webkit-box-shadow:4px 4px  
4px 4px #E3007D; box-shadow:4px 4px 4px  
4px #E3007D }
```

Background

The CSS property to change the background color of an element to Hex E3007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3007D }
```

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

```
.background{ background-color:#E3007D }
```

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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