

Converting Colors

Hex(E00078)

Have a look what the booklet for
Hex(E00078) contains.

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Color

Hex(E00078)

Conversions

Conversions Part 1

Format	Color
Hex	E00078
RGB	224, 0, 120
RGB Percent	88%, 0%, 47%
CMY	0.1216, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.46, 0.12
HSL	328°, 100%, 44%
HSV	328°, 100%, 88%
XYZ	34.1306, 17.2034, 19.2910
YIQ	80.6560, 94.9840, 84.8080

Conversions

Conversions Part 2

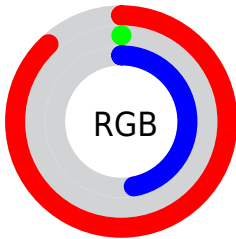
Format	Color
R_{YB}	224, 0, 120
Decimal	14680184
CIE Lab	48.52, 77.31, -1.10
CIE LCh	49, 77.315, 359.187
Yxy	17.2034, 0.4833, 0.2436
Android (android.graphics.Color)	4292870264 (0xFFE00078)
YUV	80.6560, 19.3966, 125.7127
Hunter-Lab	41.4769, 74.2999, 1.4580

Details

The Hex color **E00078** 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 **00E068**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5DAC**, and **A20048** is the 20% darker color. If you saturate the color by 10%, you get **E00078**, and if you desaturate by 10%, it is **E01682**.

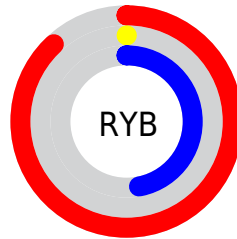
Distribution



Red (88%)

Green (0%)

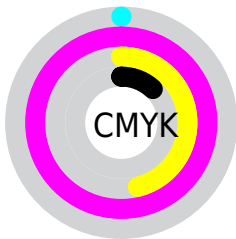
Blue (47%)



Red (88%)

Yellow (0%)

Blue (47%)

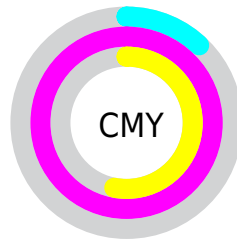


Cyan (0%)

Magenta (100%)

Yellow (46%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color E00078 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 E00078 by changing the saturation by 10% instead.

 E00078

 E00078

FFFFFF

 C1005F

 FF5DAC

 A20048

 FF7CC7

 840032

 FF9AE3

 65001D

 FFB8FF

 490004

 FFD6FF

 290001

 FFF4FF

 000000

 E00078

 E01682

 E02D8D

 E04397

 E05AA2

 E070AC

 E086B6

 E09DC1

 E0B3CB

 E0CAD6

Harmonies

Analogous

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



BD39B7



E00078



DD2838

Triad

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



E00078



4C8100



008AE4

Complementary

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



E00078



00E068

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.



008EB2



E00078



008A29

Square

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



E00078



8E7000



008E70



007DF8

Rectangle

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



E00078



CB4603



008E70



008CD6

Sweetspot

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



E00078



FFB3DB



6500E0



80526A



000000



808080

Same Dimension

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



E00078



FF0089



E0000B



70656B



B0005E



30001A

Inverse Universe

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



E00078



FF0089



00E0D5



70656B



B0005E



30001A

Previews

White Background



This preview shows how the Hex color E00078 looks on a white background.

Color Contrast Check

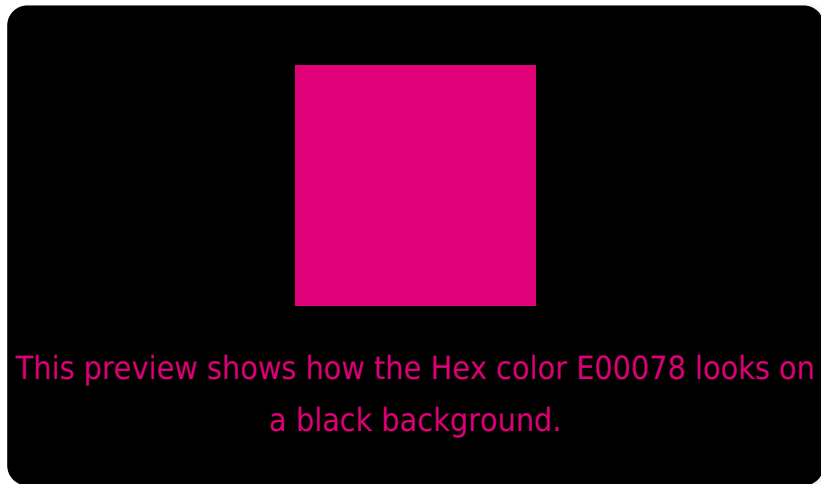
Large Text (above 18pt) WCAG AA ✓ Pass

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 E00078 Background



This preview shows how black text looks on a background with the Hex color E00078.

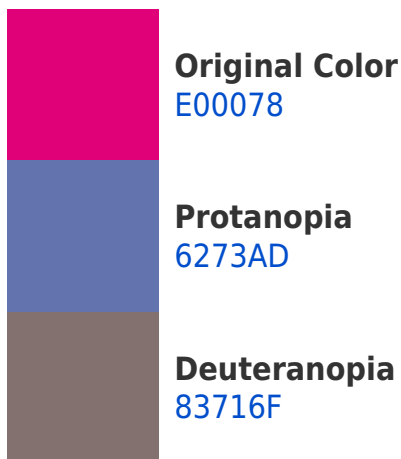


This preview shows how white text looks on a background with the Hex color E00078.

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
E00078



Protanomaly
90499A



Deuteranomaly
A54872



Tritanomaly
DD1F4A

Monochromacy



Original Color
E00078



Achromatopsia
515151



Achromatomaly
85345F

CSS Examples

Text

The CSS property to change the color of the text to Hex E00078 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 #E00078 looks like.

```
.text, #text, p{  
    color:#E00078  
}
```

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 #E00078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00078
}
```

Border

The CSS property to change the border of an element to Hex E00078 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
#E00078 }
```

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

```
.border{ border-color:#E00078 }
```

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

Here you see how a box with a 4 pixel #E00078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00078; -webkit-box-shadow:4px 4px  
4px 4px #E00078; box-shadow:4px 4px 4px  
4px #E00078 }
```

Background

The CSS property to change the background color of an element to Hex E00078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00078 }
```

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

```
.background{ background-color:#E00078 }
```

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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