

# Converting Colors

Hex(E02D7A)

Have a look what the booklet for  
Hex(E02D7A) contains.

<b>Hex(E02D7A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(E02D7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E02D7A
RGB	224, 45, 122
RGB Percent	88%, 18%, 48%
CMY	0.1216, 0.8235, 0.5216
CMYK	0.00, 0.80, 0.46, 0.12
HSL	334°, 74%, 53%
HSV	334°, 80%, 88%
XYZ	35.1917, 19.1292, 20.2499
YIQ	107.2990, 81.9670, 61.8950

# Conversions

## Conversions Part 2

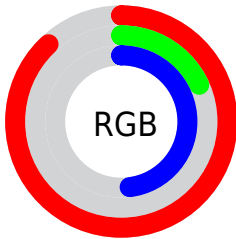
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 45, 122
Decimal	14691706
CIE <sub>Lab</sub>	50.84, 70.94, 1.08
CIE <sub>LCh</sub>	51, 70.949, 0.870
Yxy	19.1292, 0.4719, 0.2565
Android (android.graphics.Color)	4292881786 (0xFFE02D7A)
YUV	107.2990, 7.2476, 102.3468
Hunter-Lab	43.7369, 67.0854, 3.1651

# Details

The Hex color **E02D7A** 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 **2DE093**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6EAE**, and **A3004A** is the 20% darker color. If you saturate the color by 10%, you get **E0176D**, and if you desaturate by 10%, it is **E04387**.

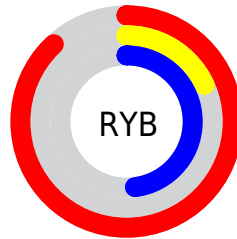
# Distribution



Red (88%)

Green (18%)

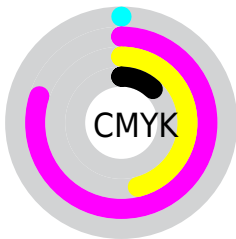
Blue (48%)



Red (88%)

Yellow (18%)

Blue (48%)

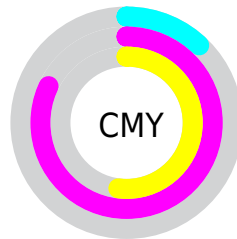


Cyan (0%)

Magenta (80%)

Yellow (46%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E02D7A 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 E02D7A by changing the saturation by 10% instead.



 E02D7A

 E02D7A

FFFFFF

 C10061

 FF6EAE

 A3004A

 FF8BC9

 850033

 FFA9E6

 67001F

 FFC6FF

 4B0004

 FFE4FF

 2C0001

 000000

 E02D7A

 E02D7A

 E0176D

 E04387

 E00060

 E05A94

 E070A0

 E087AD

 E09DBA

 E0B3C7

 E0CAD3

 E0E0E0

 E0F7ED

# Harmonies

## Analogous

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



C146B5



E02D7A



DD3E3F

# Triad

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



E02D7A



548700



008EE3

# Complementary

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



E02D7A



2DE093

# 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.



0093B6



E02D7A



008F39

# Square

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



E02D7A



917700



009379



0080F3

# Rectangle

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



E02D7A



CB5416



009379



0090D7



# Sweetspot

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



E02D7A



FFC2DC



922DE0



805B6A



000000



808080



# Same Dimension

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



E02D7A



FF0A74



E0392D



70656A



B0004C



300015



# Inverse Universe

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



E02D7A



FF0A74



2DD4E0



70656A



B0004C

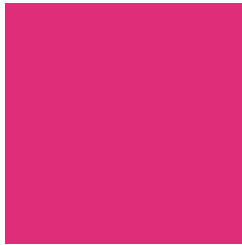


300015



# Previews

## White Background



This preview shows how the Hex color E02D7A looks on a white background.

## Color Contrast Check

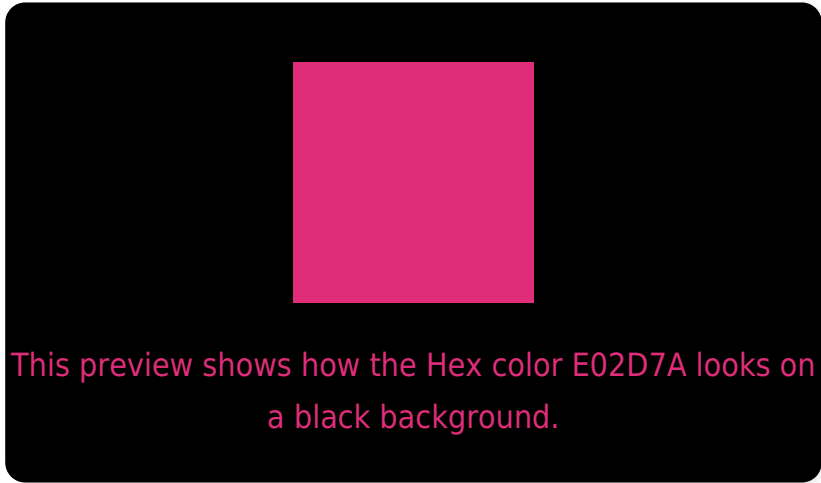
Large Text (above 18pt) WCAG AA ✓ Pass

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 E02D7A Background



This preview shows how black text looks on a background with the Hex color E02D7A.



This preview shows how white text looks on a background with the Hex color E02D7A.

# 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**  
E02D7A

**Protanopia**  
6C78A6

**Deuteranopia**  
897571



**Tritanopia**  
DD3E41

# Trichromacy



**Original Color**  
E02D7A



**Protanomaly**  
965D96



**Deuteranomaly**  
A95B74

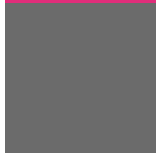


**Tritanomaly**  
DE3856

# Monochromacy



**Original Color**  
E02D7A



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
965470

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E02D7A 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 #E02D7A looks like.

```
.text, #text, p{  
    color:#E02D7A  
}
```

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 #E02D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E02D7A
}
```

## Border

The CSS property to change the border of an element to Hex E02D7A 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
#E02D7A }
```

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

```
.border{ border-color:#E02D7A }
```

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

Here you see how a box with a 4 pixel #E02D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E02D7A; -webkit-box-shadow:4px 4px  
4px 4px #E02D7A; box-shadow:4px 4px 4px  
4px #E02D7A }
```

# Background

The CSS property to change the background color of an element to Hex E02D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E02D7A }
```

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

```
.background{ background-color:#E02D7A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor