

# Converting Colors

Hex(E40072)

Have a look what the booklet for  
Hex(E40072) contains.

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**Color**

**Hex(E40072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E40072
RGB	228, 0, 114
RGB Percent	89%, 0%, 45%
CMY	0.1059, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.50, 0.11
HSL	330°, 100%, 45%
HSV	330°, 100%, 89%
XYZ	35.0322, 17.7089, 17.4913
YIQ	81.1680, 99.2940, 83.7900

# Conversions

## Conversions Part 2

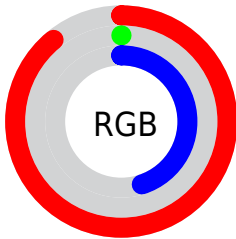
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 0, 114
Decimal	14942322
CIE Lab	49.14, 77.71, 3.59
CIE LCh	49, 77.794, 2.645
Yxy	17.7089, 0.4988, 0.2521
Android (android.graphics.Color)	4293132402 (0xFFE40072)
YUV	81.1680, 16.1862, 128.7717
Hunter-Lab	42.0819, 74.9535, 4.8135

# Details

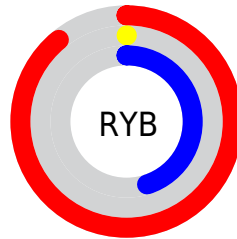
The Hex color **E40072** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00E472**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5DA6**, and **A60043** is the 20% darker color. If you saturate the color by 10%, you get **E40072**, and if you desaturate by 10%, it is **E4177D**.

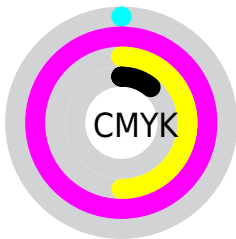
# Distribution



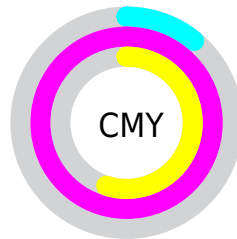
- Red (89%)
- Green (0%)
- Blue (45%)



- Red (89%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E40072 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 E40072 by changing the saturation by 10% instead.



 E40072

 E40072

FFFFFF

 C5005A

 FF5DA6

 A60043

 FF7CC1

 87002D

 FF9BDC

 680019

 FFB9F9

 4C0004

 FFD7FF

 2B0001

 FFF5FF

 000000

 E40072

 E4177D

 E42E89

 E44494

 E45BA0

 E472AB

 E489B6

 E4A0C2

 E4B6CD

 E4CDD9

# Harmonies

## Analogous

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



C635B3



E40072



DE2F32

# Triad

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



E40072



438400



008BEB

# Complementary

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



E40072



00E472

# 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.



0090BB



E40072



008D32

# Square

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



E40072



897400



009079



007CFB

# Rectangle

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



E40072



CA4C00



009079



008DDE



# Sweetspot

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



E40072



FFB3D9



7200E4



805269



000000



808080



# Same Dimension

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



E40072



FF0080



E40000



73676D



B30059



33001A



# Inverse Universe

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



E40072



FF0080



00E4E4



73676D



B30059



33001A



# Previews

## White Background



This preview shows how the Hex color E40072 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 E40072 Background



This preview shows how black text looks on a background with the Hex color E40072.



This preview shows how white text looks on a background with the Hex color E40072.

# 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**  
E40072

**Protanopia**  
6875A5

**Deuteranopia**  
877268



**Tritanopia**  
E12D2D

# Trichromacy



**Original Color**  
E40072



**Protanomaly**  
954A92



**Deuteranomaly**  
A9496C

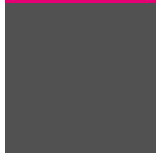


**Tritanomaly**  
E21D46

# Monochromacy



**Original Color**  
E40072



**Achromatopsia**  
515151



**Achromatomaly**  
86345D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E40072 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 #E40072 looks like.

```
.text, #text, p{  
    color:#E40072  
}
```

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 #E40072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40072
}
```

## Border

The CSS property to change the border of an element to Hex E40072 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
#E40072 }
```

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

```
.border{ border-color:#E40072 }
```

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

Here you see how a box with a 4 pixel #E40072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40072; -webkit-box-shadow:4px 4px  
4px 4px #E40072; box-shadow:4px 4px 4px  
4px #E40072 }
```

# Background

The CSS property to change the background color of an element to Hex E40072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40072 }
```

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

```
.background{ background-color:#E40072 }
```

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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