

# Converting Colors

Hex(E03794)

Have a look what the booklet for  
Hex(E03794) contains.

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**Color**

**Hex(E03794)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E03794
RGB	224, 55, 148
RGB Percent	88%, 22%, 58%
CMY	0.1216, 0.7843, 0.4196
CMYK	0.00, 0.75, 0.34, 0.12
HSL	327°, 73%, 55%
HSV	327°, 75%, 88%
XYZ	37.4520, 20.7178, 30.0420
YIQ	116.1330, 70.8710, 64.7510

# Conversions

## Conversions Part 2

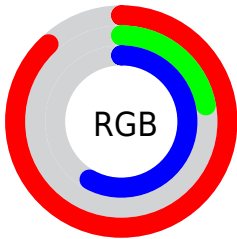
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 55, 148
Decimal	14694292
CIE <sub>Lab</sub>	52.64, 70.70, -11.86
CIE <sub>LCh</sub>	53, 71.692, 350.479
Yxy	20.7178, 0.4246, 0.2349
Android (android.graphics.Color)	4292884372 (0xFFE03794)
YUV	116.1330, 15.7104, 94.5994
Hunter-Lab	45.5168, 67.2183, -7.2708

# Details

The Hex color **E03794** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **37E083**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF75CA**, and **A40061** is the 20% darker color. If you saturate the color by 10%, you get **E0218A**, and if you desaturate by 10%, it is **E04D9E**.

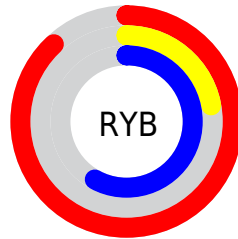
# Distribution



Red (88%)

Green (22%)

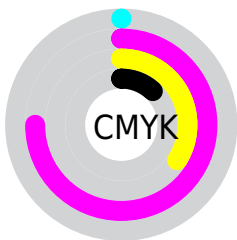
Blue (58%)



Red (88%)

Yellow (22%)

Blue (58%)

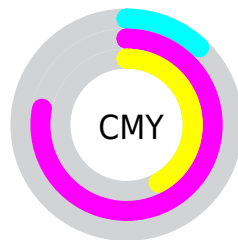


Cyan (0%)

Magenta (75%)

Yellow (34%)

Black (12%)



Cyan (12%)

Magenta (78%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E03794 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 E03794 by changing the saturation by 10% instead.



 E03794

 E03794

FFFFFF

 C2047A

 FF75CA

 A40061

 FF92E6

 86004A

 FFB0FF

 690033

 FFCDFE

 4D001E

 FFE8FF

 310002

 000000

 E03794

 E03794

 E0218A

 E04D9E

 E00A80

 E064A8

 E0007B

 E07AB2

 E091BC

 E0A7C6

 E0BDD0

 E0D4DB

 E0EAE5

 E0FFEF

# Harmonies

## Analogous

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



B357CD



E03794



E83957

# Triad

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



E03794



708700



0095DC

# Complementary

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



E03794



37E083

# 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.



0099A7



E03794



009226

# Square

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



E03794



A87400



009767



008BF8

# Rectangle

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



E03794



DC4D30



009767



0097CD



# Sweetspot

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



E03794



FFC4E5



8037E0



805C6F



000000



808080



# Same Dimension

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



E03794



FF1797



E03742



70656B



B00061



30001B



# Inverse Universe

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



E03794



FF1797



37E0D5



70656B



B00061



30001B



# Previews

## White Background



This preview shows how the Hex color E03794 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 E03794 Background



This preview shows how black text looks on a background with the Hex color E03794.




This preview shows how white text looks on a background with the Hex color E03794.

# 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





**Tritanopia**  
DB4B4F

# Trichromacy



**Original Color**  
E03794



**Protanomaly**  
9163B3



**Deuteranomaly**  
A5628E

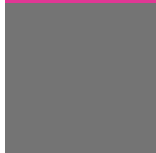


**Tritanomaly**  
DD4468

# Monochromacy



**Original Color**  
E03794



**Achromatopsia**  
747474



**Achromatomaly**  
9B5E80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E03794 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 #E03794 looks like.

```
.text, #text, p{  
    color:#E03794  
}
```

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 #E03794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03794
}
```

## Border

The CSS property to change the border of an element to Hex E03794 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
#E03794 }
```

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

```
.border{ border-color:#E03794 }
```

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

Here you see how a box with a 4 pixel #E03794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03794; -webkit-box-shadow:4px 4px  
4px 4px #E03794; box-shadow:4px 4px 4px  
4px #E03794 }
```

# Background

The CSS property to change the background color of an element to Hex E03794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03794 }
```

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

```
.background{ background-color:#E03794 }
```

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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