

# Converting Colors

Hex(E03C95)

Have a look what the booklet for  
Hex(E03C95) contains.

<b>Hex(E03C95)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E03C95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E03C95
RGB	224, 60, 149
RGB Percent	88%, 24%, 58%
CMY	0.1216, 0.7647, 0.4157
CMYK	0.00, 0.73, 0.33, 0.12
HSL	327°, 73%, 56%
HSV	327°, 73%, 88%
XYZ	37.7811, 21.2489, 30.5439
YIQ	119.1820, 69.1750, 62.4470

# Conversions

## Conversions Part 2

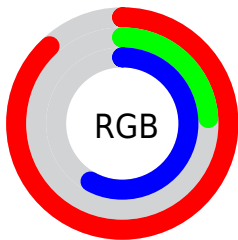
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 60, 149
Decimal	14695573
CIE <sub>Lab</sub>	53.22, 69.27, -11.58
CIE <sub>LCh</sub>	53, 70.229, 350.511
Yxy	21.2489, 0.4218, 0.2372
Android (android.graphics.Color)	4292885653 (0xFFE03C95)
YUV	119.1820, 14.7003, 91.9254
Hunter-Lab	46.0966, 65.6311, -7.0184

# Details

The Hex color **E03C95** 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 **3CE087**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF79CB**, and **A40062** is the 20% darker color. If you saturate the color by 10%, you get **E0268B**, and if you desaturate by 10%, it is **E0529F**.

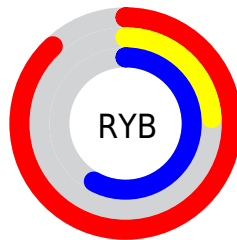
# Distribution



Red (88%)

Green (24%)

Blue (58%)



Red (88%)

Yellow (24%)

Blue (58%)

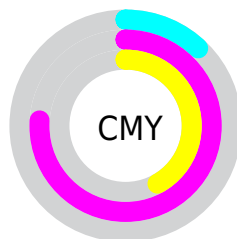


Cyan (0%)

Magenta (73%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (76%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E03C95 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 E03C95 by changing the saturation by 10% instead.



 E03C95

 E03C95

FFFFFF

 C2127B

 FF79CB

 A40062

 FF96E7

 87004A

 FFB3FF

 690034

 FFD0FF

 4D001F

 FFE0FF

 320002

 000000

 E03C95

 E03C95

 E0268B

 E0529F

 E00F81

 E069A9

 E0007A

 E07FB4

 E096BE

 E0ACC8

 E0C2D2

 E0D9DD

 E0EFE7

 E0FFF1

# Harmonies

## Analogous

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



B459CD



E03C95



E83E59

# Triad

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



E03C95



728900



0097DC

# Complementary

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



E03C95



3CE087

# 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.



009AA8



E03C95



0C932A

# Square

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



E03C95



A97600



009969



008CF7

# Rectangle

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



E03C95



DC5033



009969



0098CD



# Sweetspot

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



E03C95



FFC7E5



863CE0



805E70



000000



808080



# Same Dimension

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



E03C95



FF1F98



E03C44



70656B



B0005F



30001A



# Inverse Universe

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



E03C95



FF1F98



3CE0D8



70656B



B0005F



30001A



# Previews

## White Background



This preview shows how the Hex color E03C95 looks on a white background.

## Color Contrast Check

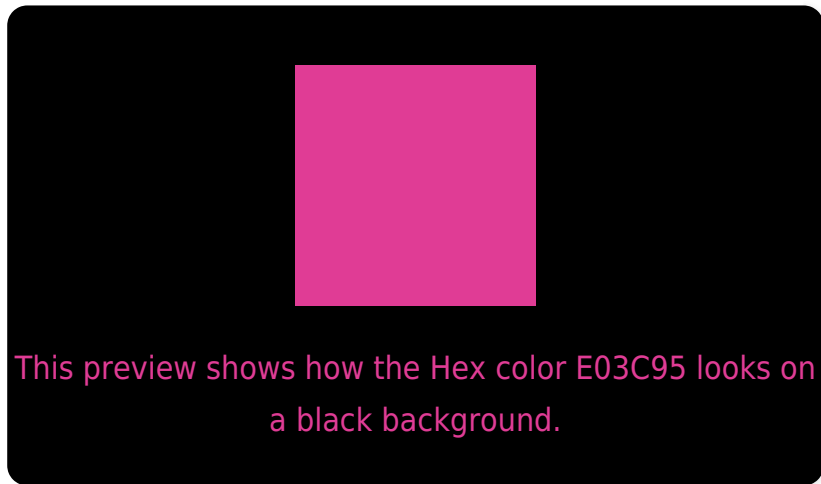
Large Text (above 18pt) WCAG AA ✓ Pass

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 E03C95 Background



This preview shows how black text looks on a background with the Hex color E03C95.




This preview shows how white text looks on a background with the Hex color E03C95.

# 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**  
DB4E53

# Trichromacy



**Original Color**  
E03C95



**Protanomaly**  
9365B2



**Deuteranomaly**  
A7658F



**Tritanomaly**  
DD476B

# Monochromacy



**Original Color**  
E03C95



**Achromatopsia**  
777777



**Achromatomaly**  
9D6282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E03C95 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 #E03C95 looks like.

```
.text, #text, p{  
    color:#E03C95  
}
```

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 #E03C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03C95
}
```

## Border

The CSS property to change the border of an element to Hex E03C95 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
#E03C95 }
```

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

```
.border{ border-color:#E03C95 }
```

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

Here you see how a box with a 4 pixel #E03C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03C95; -webkit-box-shadow:4px 4px  
4px 4px #E03C95; box-shadow:4px 4px 4px  
4px #E03C95 }
```

# Background

The CSS property to change the background color of an element to Hex E03C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03C95 }
```

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

```
.background{ background-color:#E03C95 }
```

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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