

# Converting Colors

Hex(C03E79)

Have a look what the booklet for  
Hex(C03E79) contains.

<b>Hex(C03E79)</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(C03E79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03E79
RGB	192, 62, 121
RGB Percent	75%, 24%, 47%
CMY	0.2471, 0.7569, 0.5255
CMYK	0.00, 0.68, 0.37, 0.25
HSL	333°, 51%, 50%
HSV	333°, 68%, 75%
XYZ	26.9120, 16.0322, 19.7653
YIQ	107.5960, 58.5410, 45.9090

# Conversions

## Conversions Part 2

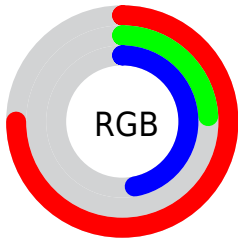
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 62, 121
Decimal	12598905
CIE <sub>Lab</sub>	47.02, 56.70, -4.59
CIE <sub>LCh</sub>	47, 56.889, 355.369
Yxy	16.0322, 0.4292, 0.2557
Android (android.graphics.Color)	4290788985 (0xFFC03E79)
YUV	107.5960, 6.6082, 74.0223
Hunter-Lab	40.0402, 49.9040, -1.2395

# Details

The Hex color **C03E79** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **3EC085**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FC76AD**, and **860049** is the 20% darker color. If you saturate the color by 10%, you get **C02B6F**, and if you desaturate by 10%, it is **C05183**.

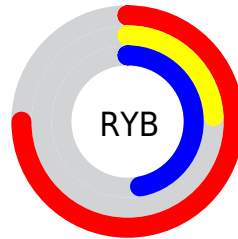
# Distribution



Red (75%)

Green (24%)

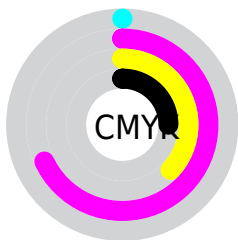
Blue (47%)



Red (75%)

Yellow (24%)

Blue (47%)

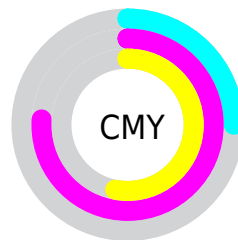


Cyan (0%)

Magenta (68%)

Yellow (37%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03E79 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 C03E79 by changing the saturation by 10% instead.



 C03E79

 C03E79

FFFFFF

 A31E60

 FC76AD

 860049

 FF92C9

 6A0032

 FFAEE5

 4E001D

 FFCBFF

 350002

 FFE8FF

 020000

 000000

 C03E79

 C03E79

 C02B6F

 C05183

 C01864

 C0648E

 C0045A

 C07898

 C00057

 C08BA3

 C09EAD

 C0B1B8

 C0C4C2

 C0D8CD

 C0EBD7

# Harmonies

## Analogous

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



A24FA7



C03E79



C3434A

# Triad

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



C03E79



5F7902



0081BE

# Complementary

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



C03E79



3EC085

# 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.



008597



C03E79



0B8135

# Square

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



C03E79



8C6B00



008566



0077CF

# Rectangle

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



C03E79



B8502C



008566



0083B3



# Sweetspot

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



C03E79



FAC8DF



833EC0



7D5F6D



FCFCFC



7D7D7D



# Same Dimension

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



C03E79



FA2F8B



C0423E



61575C



A10049



21000F



# Inverse Universe

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



C03E79



FA2F8B



3EBCC0



61575C



A10049



21000F



# Previews

## White Background



This preview shows how the Hex color C03E79 looks on a white background.

## Color Contrast Check

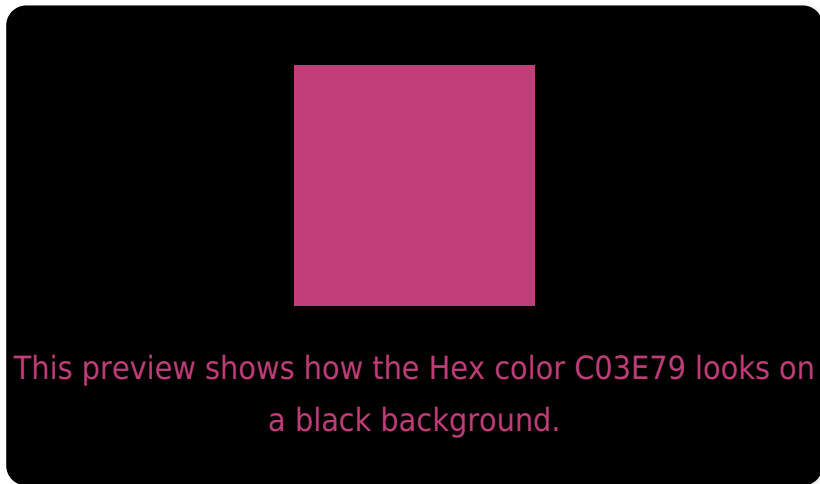
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03E79 Background



This preview shows how black text looks on a background with the Hex color C03E79.



This preview shows how white text looks on a background with the Hex color C03E79.

# 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



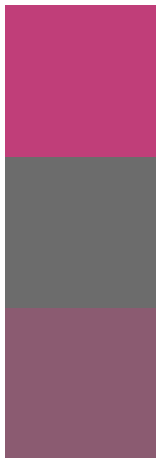
**Original Color**  
C03E79

**Protanomaly**  
855D8D

**Deuteranomaly**  
935C75

**Tritanomaly**  
BE455D

# Monochromacy



**Original Color**  
C03E79

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
8B5B71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03E79 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 #C03E79 looks like.

```
.text, #text, p{  
    color:#C03E79  
}
```

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 #C03E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03E79
}
```

## Border

The CSS property to change the border of an element to Hex C03E79 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
#C03E79 }
```

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

```
.border{ border-color:#C03E79 }
```

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

Here you see how a box with a 4 pixel #C03E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03E79; -webkit-box-shadow:4px 4px  
4px 4px #C03E79; box-shadow:4px 4px 4px  
4px #C03E79 }
```

# Background

The CSS property to change the background color of an element to Hex C03E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03E79 }
```

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

```
.background{ background-color:#C03E79 }
```

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