

# Converting Colors

Hex(C03F78)

Have a look what the booklet for  
Hex(C03F78) contains.

<b>Hex(C03F78)</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(C03F78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03F78
RGB	192, 63, 120
RGB Percent	75%, 25%, 47%
CMY	0.2471, 0.7529, 0.5294
CMYK	0.00, 0.67, 0.38, 0.25
HSL	333°, 51%, 50%
HSV	333°, 67%, 75%
XYZ	26.9059, 16.1175, 19.4622
YIQ	108.0690, 58.5870, 45.0750

# Conversions

## Conversions Part 2

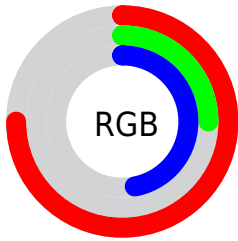
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	192, 63, 120
Decimal	12599160
CIE Lab	47.13, 56.20, -3.82
CIE LCh	47, 56.326, 356.112
Yxy	16.1175, 0.4306, 0.2579
Android (android.graphics.Color)	4290789240 (0xFFC03F78)
YUV	108.0690, 5.8820, 73.6075
Hunter-Lab	40.1467, 49.3723, -0.6398

# Details

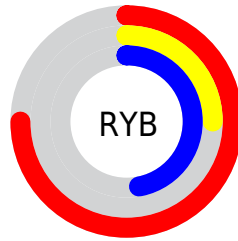
The Hex color **C03F78** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3FC087**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FC77AC**, and **860048** is the 20% darker color. If you saturate the color by 10%, you get **C02C6D**, and if you desaturate by 10%, it is **C05283**.

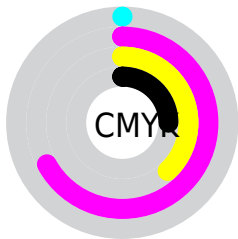
# Distribution



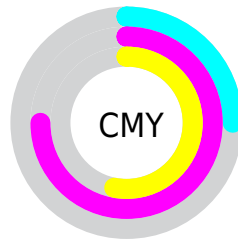
- Red (75%)
- Green (25%)
- Blue (47%)



- Red (75%)
- Yellow (25%)
- Blue (47%)



- Cyan (0%)
- Magenta (67%)
- Yellow (38%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03F78 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 C03F78 by changing the saturation by 10% instead.



 C03F78

 C03F78

FFFFFF

 A3205F

 FC77AC

 860048

 FF93C7

 6A0031

 FFAFE3

 4E001D

 FFCBFF

 350002

 FFE8FF

 020000

 000000

 C03F78

 C03F78

 C02C6D

 C05283

 C01963

 C0658D

 C00558

 C07998

 C00055

 C08CA3

 C09FAE

 C0B2B8

 C0C5C3

 C0D9CE

 C0ECD8

# Harmonies

## Analogous

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



A34FA5



C03F78



C24449

# Triad

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



C03F78



5E7907



0081BE

# Complementary

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



C03F78



3FC087

# 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.



008598



C03F78



098137

# Square

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



C03F78



8B6B00



008568



0077CF

# Rectangle

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



C03F78



B7512C



008568



0083B3



# Sweetspot

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



C03F78



FAC8DE



863FC0



7D5F6C



FCFCFC



7D7D7D



# Same Dimension

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



C03F78



FA2F89



C0453F



61575B



A10047



21000F



# Inverse Universe

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



C03F78



FA2F89



3FBAC0



61575B



A10047



21000F



# Previews

## White Background



This preview shows how the Hex color C03F78 looks on a white background.

## Color Contrast Check

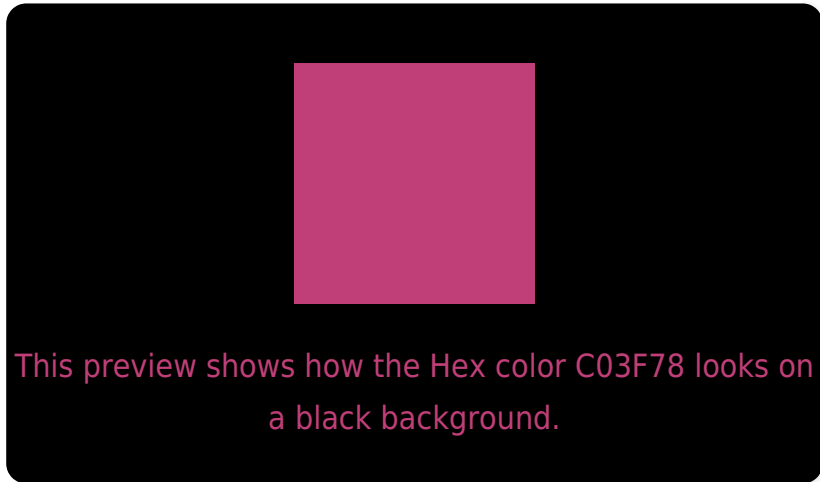
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03F78 Background



This preview shows how black text looks on a background with the Hex color C03F78.



This preview shows how white text looks on a background with the Hex color C03F78.

# 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](#).

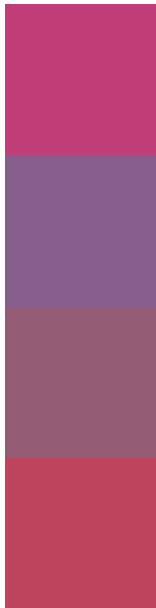
## Dichromacy





**Tritanopia**  
BD494E

# Trichromacy



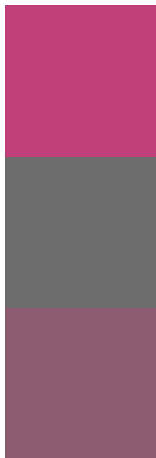
**Original Color**  
C03F78

**Protanomaly**  
865E8C

**Deuteranomaly**  
945C74

**Tritanomaly**  
BE455D

# Monochromacy



**Original Color**  
C03F78

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
8B5C70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03F78 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 #C03F78 looks like.

```
.text, #text, p{  
    color:#C03F78  
}
```

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 #C03F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03F78
}
```

## Border

The CSS property to change the border of an element to Hex C03F78 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
#C03F78 }
```

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

```
.border{ border-color:#C03F78 }
```

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

Here you see how a box with a 4 pixel #C03F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03F78; -webkit-box-shadow:4px 4px  
4px 4px #C03F78; box-shadow:4px 4px 4px  
4px #C03F78 }
```

# Background

The CSS property to change the background color of an element to Hex C03F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03F78 }
```

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

```
.background{ background-color:#C03F78 }
```

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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