

# Converting Colors

Hex(C03960)

Have a look what the booklet for  
Hex(C03960) contains.

<b>Hex(C03960)</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(C03960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03960
RGB	192, 57, 96
RGB Percent	75%, 22%, 38%
CMY	0.2471, 0.7765, 0.6235
CMYK	0.00, 0.70, 0.50, 0.25
HSL	343°, 54%, 49%
HSV	343°, 70%, 75%
XYZ	25.3127, 14.9773, 12.6231
YIQ	101.8110, 67.9410, 40.7490

# Conversions

## Conversions Part 2

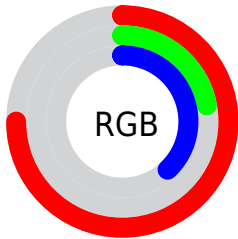
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 57, 96
Decimal	12597600
CIE <sub>Lab</sub>	45.60, 56.16, 8.69
CIE <sub>LCh</sub>	46, 56.827, 8.797
Yxy	14.9773, 0.4784, 0.2831
Android (android.graphics.Color)	4290787680 (0xFFC03960)
YUV	101.8110, -2.8648, 79.0958
Hunter-Lab	38.7005, 49.0251, 7.7514

# Details

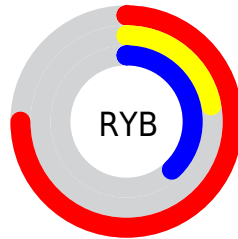
The Hex color **C03960** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **39C099**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FD7192**, and **850032** is the 20% darker color. If you saturate the color by 10%, you get **C02652**, and if you desaturate by 10%, it is **C04C6E**.

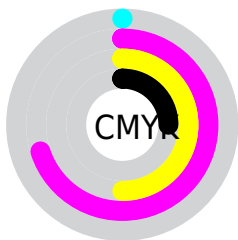
# Distribution



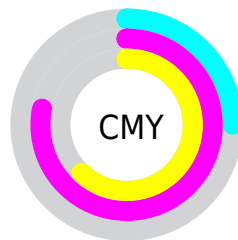
- Red (75%)
- Green (22%)
- Blue (38%)



- Red (75%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (70%)
- Yellow (50%)
- Black (25%)



- Cyan (25%)
- Magenta (78%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03960 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 C03960 by changing the saturation by 10% instead.



 C03960

 C03960

FFFFFF

 A21748

 FD7192

 850032

 FF8DAD

 68001E

 FFA9C8

 4C0003

 FFC6E4

 300002

 FFE3FF

 000000

 C03960

 C03960

 C02652

 C04C6E

 C01345

 C05F7B

 C00037

 C07389

 C08697

 C099A4

 C0ACB2

 C0BFC0

 C0D3CD

 C0E6DB

# Harmonies

## Analogous

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



AF428F



C03960



B84733

# Triad

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



C03960



417917



007AC5

# Complementary

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



C03960



39C099

# 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.



0080A7



C03960



007F48

# Square

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



C03960



756E00



008279



006DCB

# Rectangle

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



C03960



A85616



008279



007DBD



# Sweetspot

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



C03960



FAC5D5



9839C0



7D5E67



FCFCFC



7D7D7D



# Same Dimension

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



C03960



FA2865



C05439



61575A



A1002E



21000A



# Inverse Universe

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



C03960



FA2865



39A5C0



61575A



A1002E



21000A



# Previews

## White Background



This preview shows how the Hex color C03960 looks on a white background.

## Color Contrast Check

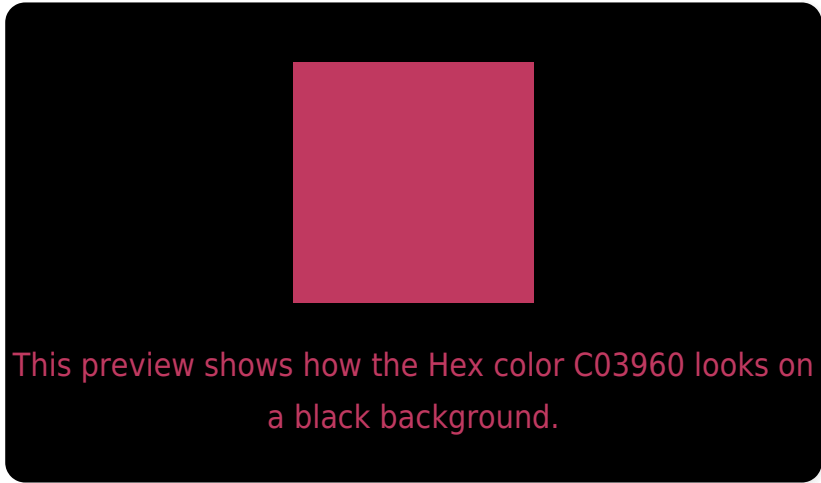
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03960 Background



This preview shows how black text looks on a background with the Hex color C03960.



This preview shows how white text looks on a background with the Hex color C03960.

# 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**  
BE3F43

# Trichromacy



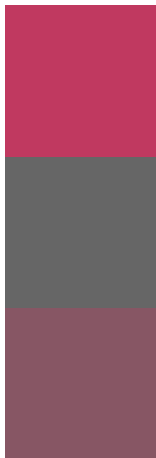
**Original Color**  
C03960

**Protanomaly**  
895972

**Deuteranomaly**  
96585C

**Tritanomaly**  
BF3D4E

# Monochromacy



**Original Color**  
C03960

**Achromatopsia**  
666666

**Achromatomaly**  
875664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03960 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 #C03960 looks like.

```
.text, #text, p{  
    color:#C03960  
}
```

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 #C03960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03960
}
```

## Border

The CSS property to change the border of an element to Hex C03960 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
#C03960 }
```

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

```
.border{ border-color:#C03960 }
```

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

Here you see how a box with a 4 pixel #C03960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03960; -webkit-box-shadow:4px 4px  
4px 4px #C03960; box-shadow:4px 4px 4px  
4px #C03960 }
```

# Background

The CSS property to change the background color of an element to Hex C03960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03960 }
```

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

```
.background{ background-color:#C03960 }
```

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