

# Converting Colors

Hex(C03164)

Have a look what the booklet for  
Hex(C03164) contains.

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# Color

**Hex(C03164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03164
RGB	192, 49, 100
RGB Percent	75%, 19%, 39%
CMY	0.2471, 0.8078, 0.6078
CMYK	0.00, 0.74, 0.48, 0.25
HSL	339°, 59%, 47%
HSV	339°, 74%, 75%
XYZ	25.1368, 14.3232, 13.4964
YIQ	97.5710, 68.8570, 46.1770

# Conversions

## Conversions Part 2

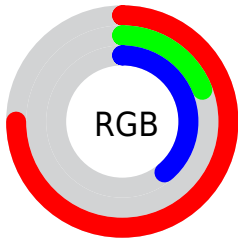
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 49, 100</a>
Decimal	<a href="#">12595556</a>
CIELab	<a href="#">44.69, 59.34, 4.92</a>
CIELCh	<a href="#">45, 59.539, 4.743</a>
Yxy	<a href="#">14.3232, 0.4747, 0.2705</a>
Android (android.graphics.Color)	<a href="#">4290785636</a> ( <a href="#">0xFFC03164</a> )
YUV	<a href="#">97.5710, 1.1975, 82.8142</a>
Hunter-Lab	<a href="#">37.8460, 52.3268, 5.3486</a>

# Details

The Hex color **C03164** 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 **31C08D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FD6B97**, and **850036** is the 20% darker color. If you saturate the color by 10%, you get **C01E58**, and if you desaturate by 10%, it is **C04470**.

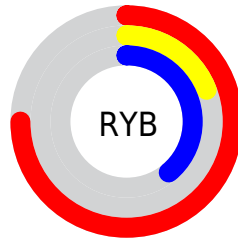
# Distribution



Red (75%)

Green (19%)

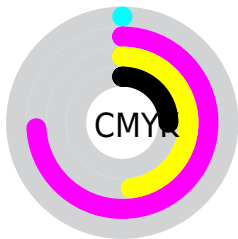
Blue (39%)



Red (75%)

Yellow (19%)

Blue (39%)

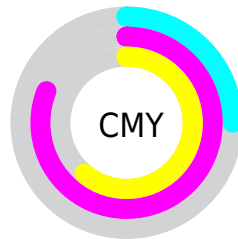


Cyan (0%)

Magenta (74%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (81%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03164 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 C03164 by changing the saturation by 10% instead.



 C03164

 C03164

FFFFFF

 A2064C

 FD6B97

 850036

 FF87B1

 680021

 FFA4CD

 4C0009

 FFC0E9

 2F0002

 FFDDFF

 000000

 FFFBFF

 C03164

 C03164

 C01E58

 C04470

 C00B4B

 C0577D

 C00044

 C06B89

 C07E95

 C091A2

 C0A4AE

 C0B7BA

 C0CBC7

 C0DED3

# Harmonies

## Analogous

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



AA3F95



C03164



BA3F34

# Triad

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



C03164



457602



007AC4

# Complementary

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



C03164



31C08D

# 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.



007FA1



C03164



007D3D

# Square

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



C03164



796A00



008070



006DCD

# Rectangle

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



C03164



AB4F14



008070



007CBA



# Sweetspot

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



C03164



FAC3D7



8C31C0



7D5C68



FCFCFC



7D7D7D



# Same Dimension

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



C03164



FA1B6B



C04431



61575B



A10039



21000C



# Inverse Universe

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



C03164



FA1B6B



31ADC0



61575B



A10039

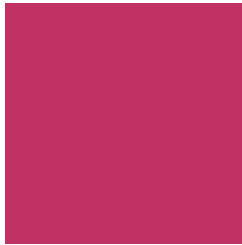


21000C



# Previews

## White Background



This preview shows how the Hex color C03164 looks on a white background.

## Color Contrast Check

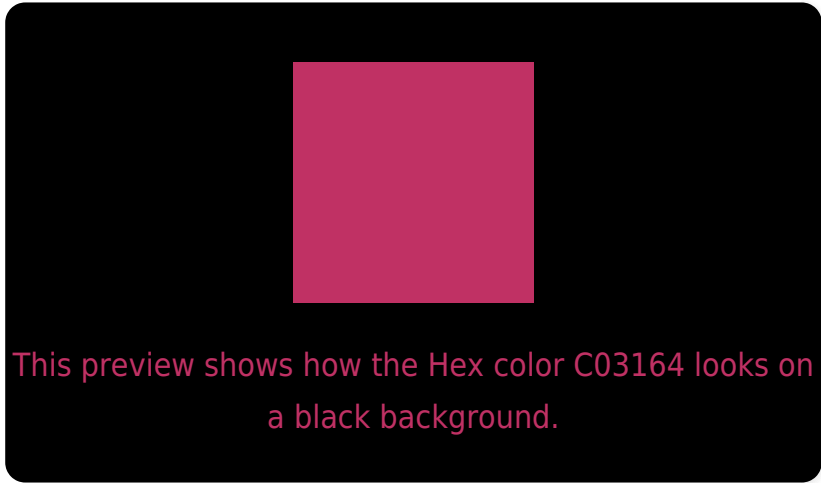
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03164 Background



This preview shows how black text looks on a background with the Hex color C03164.



This preview shows how white text looks on a background with the Hex color C03164.

# 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



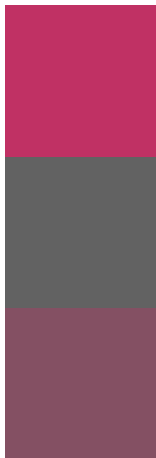
**Original Color**  
C03164

**Protanomaly**  
855578

**Deuteranomaly**  
935360

**Tritanomaly**  
BF374B

# Monochromacy



**Original Color**  
C03164

**Achromatopsia**  
626262

**Achromatomaly**  
845063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03164 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 #C03164 looks like.

```
.text, #text, p{  
    color:#C03164  
}
```

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 #C03164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03164
}
```

## Border

The CSS property to change the border of an element to Hex C03164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

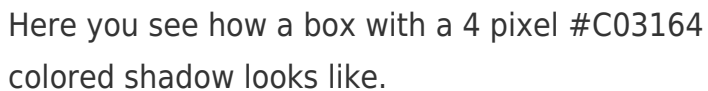
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C03164 }
```

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

```
.border{ border-color:#C03164 }
```

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



Here you see how a box with a 4 pixel `#C03164` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03164; -webkit-box-shadow:4px 4px  
4px 4px #C03164; box-shadow:4px 4px 4px  
4px #C03164 }
```

# Background

The CSS property to change the background color of an element to Hex C03164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03164 }
```

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

```
.background{ background-color:#C03164 }
```

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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