

# Converting Colors

Hex(3C0561)

Have a look what the booklet for  
Hex(3C0561) contains.

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# Color

**Hex(3C0561)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C0561
RGB	60, 5, 97
RGB Percent	24%, 2%, 38%
CMY	0.7647, 0.9804, 0.6196
CMYK	0.38, 0.95, 0.00, 0.62
HSL	276°, 90%, 20%
HSV	276°, 95%, 38%
XYZ	4.0754, 1.9323, 11.4674
YIQ	31.9330, 3.2480, 40.2720

# Conversions

## Conversions Part 2

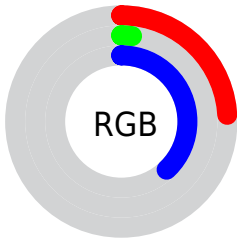
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 5, 97
Decimal	3933537
CIELab	15.13, 40.83, -40.78
CIELCh	15, 57.710, 315.037
Yxy	1.9323, 0.2332, 0.1106
Android (android.graphics.Color)	4282123617 (0xFF3C0561)
YUV	31.9330, 32.0780, 24.6148
Hunter-Lab	13.9006, 28.0071, -39.1814




# Details

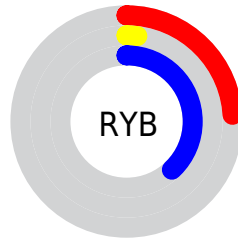
The Hex color **3C0561** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2A6105**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **703995**, and **030031** is the 20% darker color. If you saturate the color by 10%, you get **3A0061**, and if you desaturate by 10%, it is **400F61**.

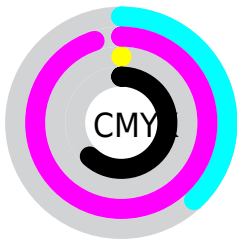
# Distribution







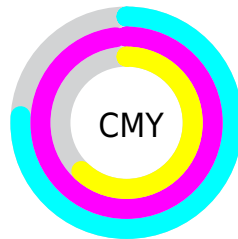
-  Red (24%)
-  Green (2%)
-  Blue (38%)






-  Red (24%)
-  Yellow (2%)
-  Blue (38%)



-  Cyan (38%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (76%)
-  Magenta (98%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C0561 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 3C0561 by changing the saturation by 10% instead.



 3C0561

 3C0561

 FFF5FF

 230049

 703995

 030031

 8B52AF

 00011B

 A66BCB

 000000

 C285E8

 DFA0FF

 FCBCFF

 FFD8FF

 3C0561

 3C0561

■ 3A0061

■ 400F61

■ 441861

■ 482261

■ 4C2C61

■ 503661

■ 533F61

■ 574961

■ 5B5361

■ 5F5C61

# Harmonies

## Analogous

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



002677



3C0561



60003C

# Triad

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



3C0561



401C00



00353A

# Complementary

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



3C0561



2A6105

# 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.



00340E



3C0561



1D2B00

# Square

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



3C0561



5A0000



003100



003560

# Rectangle

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



3C0561



670021



003100



00352C



# Sweetspot

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



3C0561



6F5A7D



052B61



372A40



BFBFBF



404040



# Same Dimension

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



3C0561



4B007D



610559



2F2C30



430070



8F00F0



# Inverse Universe

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



61052A



7D0032



05610D



302C2E



70002D

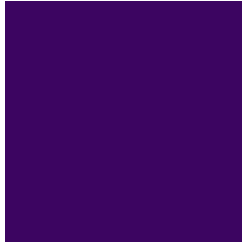


F00060



# Previews

## White Background



This preview shows how the Hex color 3C0561 looks on a white background.

## Color Contrast Check

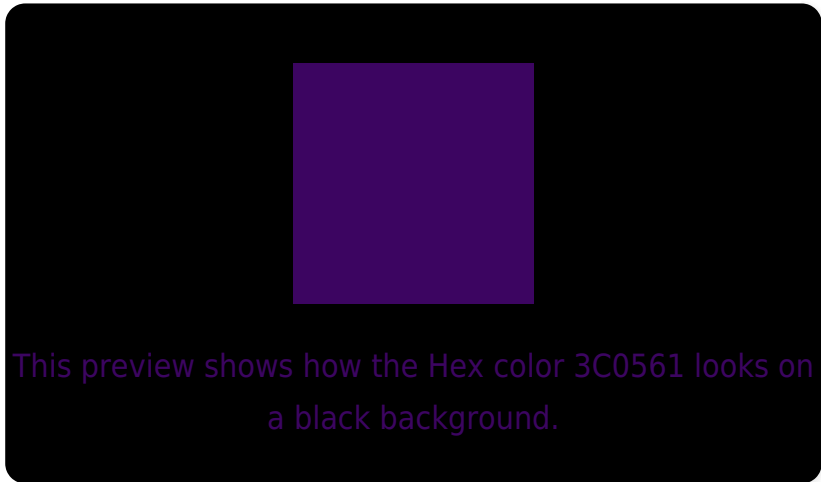
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

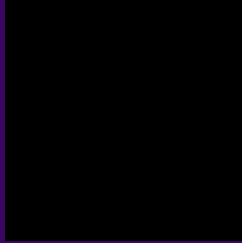
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C0561 Background



This preview shows how black text looks on a background with the Hex color 3C0561.



This preview shows how white text looks on a background with the Hex color 3C0561.

# 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



**Original Color**  
3C0561

**Protanopia**  
002853

**Deuteranopia**  
002A48



**Tritanopia**  
312629

# Trichromacy



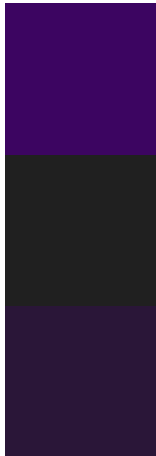
**Original Color**  
3C0561

**Protanomaly**  
161B58

**Deuteranomaly**  
161D51

**Tritanomaly**  
351A3D

# Monochromacy



**Original Color**  
3C0561

**Achromatopsia**  
202020

**Achromatomaly**  
2A1638

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C0561 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 #3C0561 looks like.

```
.text, #text, p{  
    color:#3C0561  
}
```

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 #3C0561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0561
}
```

## Border

The CSS property to change the border of an element to Hex 3C0561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

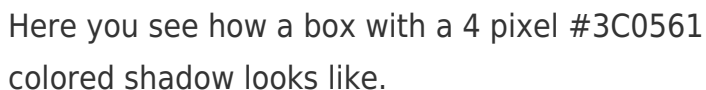
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C0561 }
```

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

```
.border{ border-color:#3C0561 }
```

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



Here you see how a box with a 4 pixel #3C0561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0561; -webkit-box-shadow:4px 4px  
4px 4px #3C0561; box-shadow:4px 4px 4px  
4px #3C0561 }
```

# Background

The CSS property to change the background color of an element to Hex 3C0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0561 }
```

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

```
.background{ background-color:#3C0561 }
```

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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