

# Converting Colors

Hex(3C0A45)

Have a look what the booklet for  
Hex(3C0A45) contains.

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# Color

**Hex(3C0A45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C0A45
RGB	60, 10, 69
RGB Percent	24%, 4%, 27%
CMY	0.7647, 0.9608, 0.7294
CMYK	0.13, 0.86, 0.00, 0.73
HSL	291°, 75%, 15%
HSV	291°, 86%, 27%
XYZ	3.0462, 1.6074, 5.7799
YIQ	31.6760, 10.8610, 28.9490

# Conversions

## Conversions Part 2

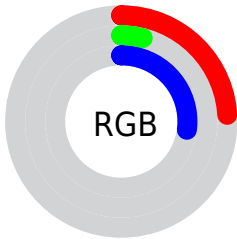
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 10, 69
Decimal	3934789
CIE <sub>Lab</sub>	13.28, 32.64, -24.69
CIE <sub>LCh</sub>	13, 40.923, 322.890
Yxy	1.6074, 0.2920, 0.1541
Android (android.graphics.Color)	4282124869 (0xFF3C0A45)
YUV	31.6760, 18.4007, 24.8401
Hunter-Lab	12.6784, 20.7005, -18.1548




# Details

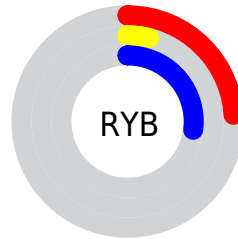
The Hex color **3C0A45** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **13450A**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **6E3A76**, and **000019** is the 20% darker color. If you saturate the color by 10%, you get **3B0345**, and if you desaturate by 10%, it is **3D1145**.

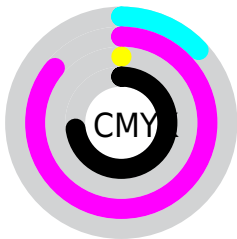
# Distribution







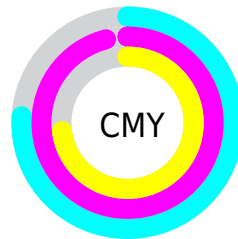
-  Red (24%)
-  Green (4%)
-  Blue (27%)






-  Red (24%)
-  Yellow (4%)
-  Blue (27%)



-  Cyan (13%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (76%)
-  Magenta (96%)
-  Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C0A45 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 3C0A45 by changing the saturation by 10% instead.



 3C0A45

 3C0A45

 FFF4FF

 26002F

 6E3A76

 000019

 885390

 000000

 A36CAA

 BE85C6

 DBA0E2

 F7BBFE

 FFD7FF

 3C0A45

 3C0A45

■ 3B0345

■ 3D1145

■ 3A0045

■ 3E1845

■ 3F1F45

■ 402645

■ 412D45

■ 423345

■ 433A45

■ 444145

■ 454845

# Harmonies

## Analogous

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



001E58



3C0A45



4F002A

# Triad

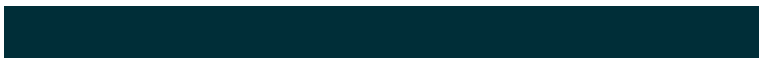
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C0A45



311F00



002E38

# Complementary

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



3C0A45



13450A

# 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.



002D1A



3C0A45



172700

# Square

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



3C0A45



450F00



002B00



002C50

# Rectangle

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



3C0A45



520017



002B00



002E2E



# Sweetspot

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



3C0A45



564259



0A1445



2C202E



ADADAD



2E2E2E



# Same Dimension

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



3C0A45



4C0059



450A31



232024



540063



C000E3



# Inverse Universe

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



450A13



59000E



0A451E



242021



63000F

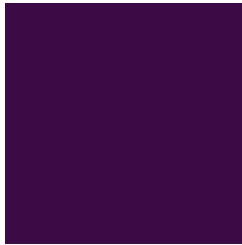


E30023



# Previews

## White Background



This preview shows how the Hex color 3C0A45 looks on a white background.

## Color Contrast Check

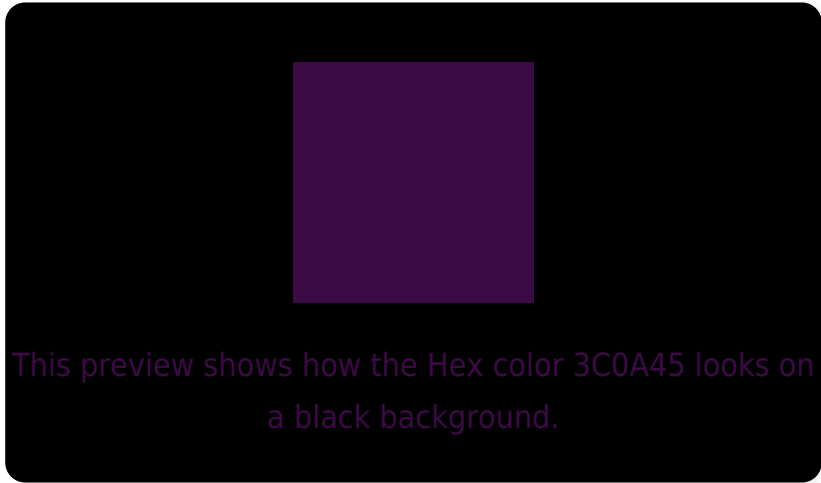
Large Text (above 18pt) WCAG AA ✓ Pass

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

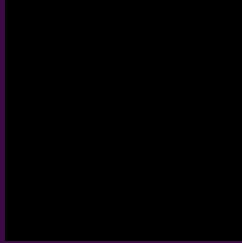
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C0A45 Background



This preview shows how black text looks on a background with the Hex color 3C0A45.



This preview shows how white text looks on a background with the Hex color 3C0A45.

# 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**  
3C0A45

**Protanopia**  
00234A

**Deuteranopia**  
082541



**Tritanopia**  
371C1E

# Trichromacy



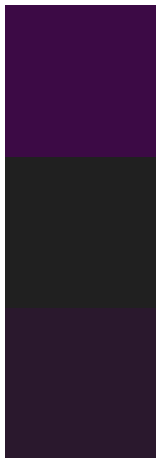
**Original Color**  
3C0A45

**Protanomaly**  
161A48

**Deuteranomaly**  
1B1B42

**Tritanomaly**  
39152C

# Monochromacy



**Original Color**  
3C0A45

**Achromatopsia**  
202020

**Achromatomaly**  
2A182D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C0A45 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 #3C0A45 looks like.

```
.text, #text, p{  
    color:#3C0A45  
}
```

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 #3C0A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0A45
}
```

## Border

The CSS property to change the border of an element to Hex 3C0A45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

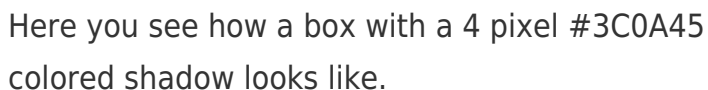
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C0A45 }
```

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

```
.border{ border-color:#3C0A45 }
```

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



Here you see how a box with a 4 pixel #3C0A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0A45; -webkit-box-shadow:4px 4px  
4px 4px #3C0A45; box-shadow:4px 4px 4px  
4px #3C0A45 }
```

# Background

The CSS property to change the background color of an element to Hex 3C0A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0A45 }
```

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

```
.background{ background-color:#3C0A45 }
```

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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