

Converting Colors

Hex(3C0057)

Have a look what the booklet for
Hex(3C0057) contains.

Hex(3C0057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C0057)

Conversions

Conversions Part 1

Format	Color
Hex	3C0057
RGB	60, 0, 87
RGB Percent	24%, 0%, 34%
CMY	0.7647, 1.0000, 0.6588
CMYK	0.31, 1.00, 0.00, 0.66
HSL	281°, 100%, 17%
HSV	281°, 100%, 34%
XYZ	3.5838, 1.6488, 9.1462
YIQ	27.8580, 7.8330, 39.7770

Conversions

Conversions Part 2

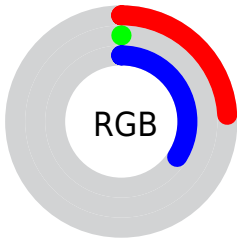
Format	Color
RYB	60, 0, 87
Decimal	3932247
CIELab	13.52, 40.40, -36.69
CIElCh	14, 54.574, 317.760
Yxy	1.6488, 0.2492, 0.1147
Android (android.graphics.Color)	4282122327 (0xFF3C0057)
YUV	27.8580, 29.1570, 28.1885
Hunter-Lab	12.8405, 27.3485, -33.2435

Details

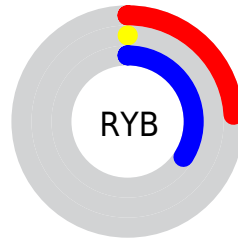
The Hex color **3C0057** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1B5700**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6F358A**, and **000029** is the 20% darker color. If you saturate the color by 10%, you get **3C0057**, and if you desaturate by 10%, it is **3F0957**.

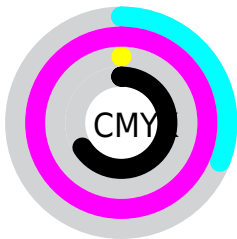
Distribution



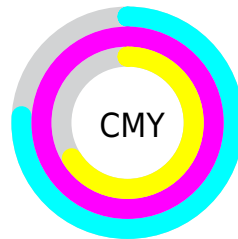
- Red (24%)
- Green (0%)
- Blue (34%)



- Red (24%)
- Yellow (0%)
- Blue (34%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)



- Cyan (76%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0057 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 3C0057 by changing the saturation by 10% instead.

 3C0057

 3C0057

 FFF0FF

 24003F

 6F358A

 000029

 8A4EA4

 000112

 A567C0

 000000

 C181DC

 DE9CF8

 FBB7FF

 FFD3FF

 3C0057

■ 3F0957

■ 411157

■ 441A57

■ 472357

■ 492C57

■ 4C3457

■ 4F3D57

■ 524657

■ 544E57

Harmonies

Analogous

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



00216E



3C0057



5A0034

Triad

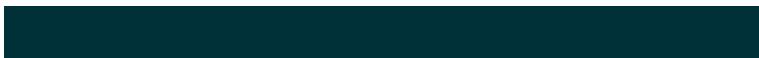
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C0057



391B00



003139

Complementary

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



3C0057



1B5700

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.



003010



3C0057



162800

Square

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



3C0057



510000



002D00



00305C

Rectangle

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



3C0057



60001B



002D00



00312C

Sweetspot

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



3C0057



664F70



001C57



322438



B8B8B8



383838

Same Dimension

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



3C0057



4D0070



570047



2A272B



4A006B



A200EB

Inverse Universe

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



57001B



700023



005710



2B2728



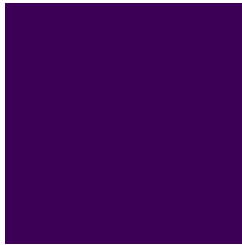
6B0021



EB0049

Previews

White Background



This preview shows how the Hex color 3C0057 looks on a white background.

Color Contrast Check

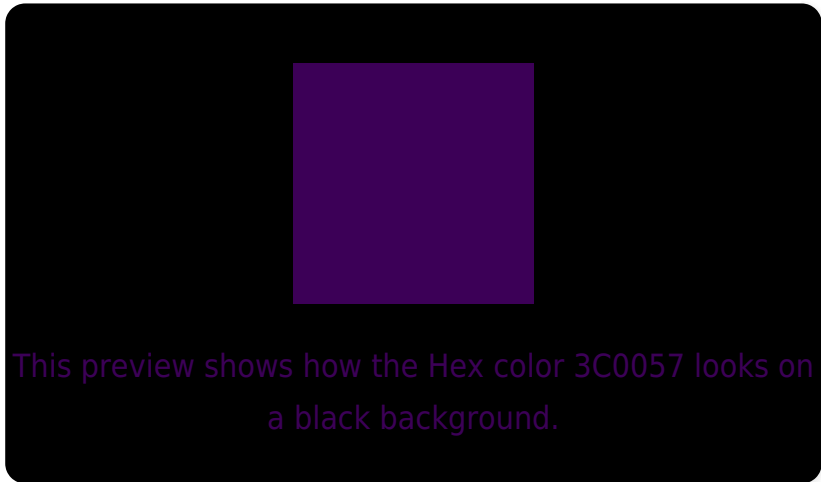
Large Text (above 18pt) WCAG AA ✓ Pass

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

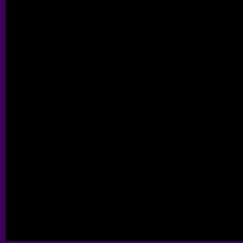
Any Text WCAG AA × Fail

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 3C0057 Background



This preview shows how black text looks on a background with the Hex color 3C0057.



This preview shows how white text looks on a background with the Hex color 3C0057.

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
3C0057

Protanopia
00264F

Deuteranopia
002845



Tritanopia
332225

Trichromacy



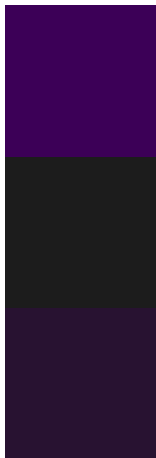
Original Color
3C0057

Protanomaly
161852

Deuteranomaly
16194C

Tritanomaly
361637

Monochromacy



Original Color
3C0057

Achromatopsia
1C1C1C

Achromatomaly
281231

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0057 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 #3C0057 looks like.

```
.text, #text, p{  
    color:#3C0057  
}
```

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 #3C0057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0057
}
```

Border

The CSS property to change the border of an element to Hex 3C0057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

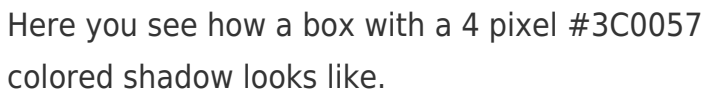
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C0057 }
```

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

```
.border{ border-color:#3C0057 }
```

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



Here you see how a box with a 4 pixel #3C0057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0057; -webkit-box-shadow:4px 4px  
4px 4px #3C0057; box-shadow:4px 4px 4px  
4px #3C0057 }
```

Background

The CSS property to change the background color of an element to Hex 3C0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0057 }
```

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

```
.background{ background-color:#3C0057 }
```

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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