

Converting Colors

Hex(3C0048)

Have a look what the booklet for
Hex(3C0048) contains.

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Color

Hex(3C0048)

Conversions

Conversions Part 1

Format	Color
Hex	3C0048
RGB	60, 0, 72
RGB Percent	24%, 0%, 28%
CMY	0.7647, 1.0000, 0.7176
CMYK	0.17, 1.00, 0.00, 0.72
HSL	290°, 100%, 14%
HSV	290°, 100%, 28%
XYZ	3.0332, 1.4285, 6.2468
YIQ	26.1480, 12.6480, 35.1120

Conversions

Conversions Part 2

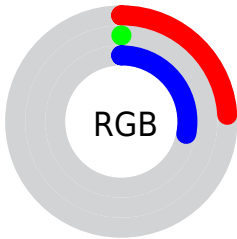
Format	Color
RYB	60, 0, 72
Decimal	3932232
CIELab	12.15, 37.27, -28.61
CIElCh	12, 46.988, 322.493
Yxy	1.4285, 0.2833, 0.1334
Android (android.graphics.Color)	4282122312 (0xFF3C0048)
YUV	26.1480, 22.6050, 29.6882
Hunter-Lab	11.9521, 24.3829, -22.6213

Details

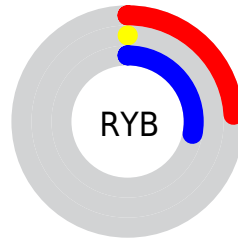
The Hex color **3C0048** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C4800**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6E3479**, and **00001B** is the 20% darker color. If you saturate the color by 10%, you get **3C0048**, and if you desaturate by 10%, it is **3D0748**.

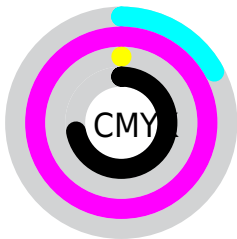
Distribution



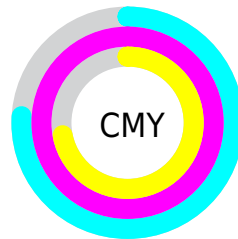
- Red (24%)
- Green (0%)
- Blue (28%)



- Red (24%)
- Yellow (0%)
- Blue (28%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (76%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0048 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 3C0048 by changing the saturation by 10% instead.

 3C0048

 3C0048

 FFEDFF

 260031

 6E3479

 00001B

 894C93

 000000

 A465AE

 C07FC9

 DC9AE6

 F9B5FF

 FFD1FF

 3C0048

■ 3D0748

■ 3E0E48

■ 401648

■ 411D48

■ 422448

■ 432B48

■ 443248

■ 463A48

■ 474148

Harmonies

Analogous

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



001B5D



3C0048



520029

Triad

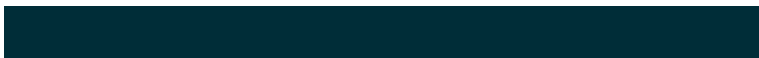
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C0048



301C00



002D38

Complementary

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



3C0048



0C4800

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.



002D16



3C0048



102500

Square

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



3C0048



460600



002A00



002C54

Rectangle

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



3C0048



540014



002A00



002D2D

Sweetspot

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



3C0048



5A425E



000C48



2E1F30



B0B0B0



303030

Same Dimension

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



3C0048



4F005E



480030



232024



530063



BD00E3

Inverse Universe

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



48000C



5E0010



004818



242021



630011



E30026

Previews

White Background



This preview shows how the Hex color 3C0048 looks on a white background.

Color Contrast Check

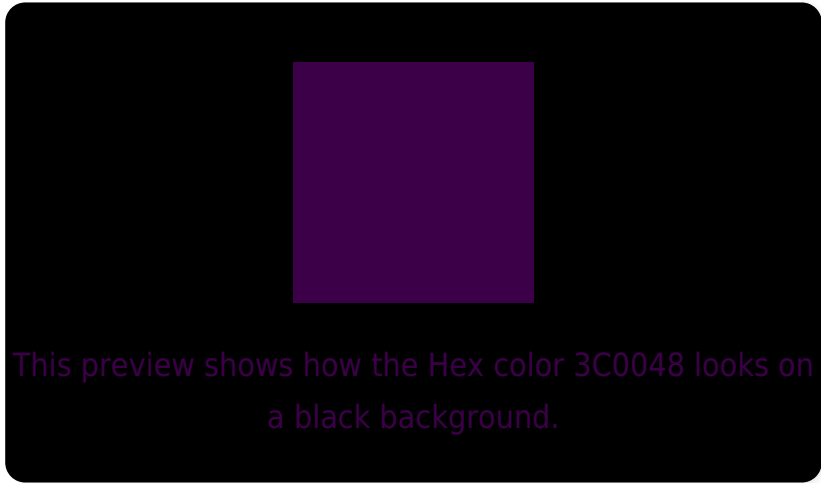
Large Text (above 18pt) WCAG AA ✓ Pass

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

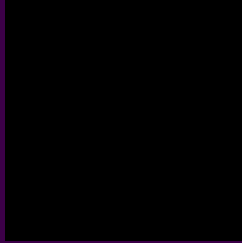
Any Text WCAG AA × Fail

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 3C0048 Background



This preview shows how black text looks on a background with the Hex color 3C0048.



This preview shows how white text looks on a background with the Hex color 3C0048.

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](#).

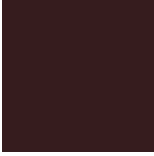
Dichromacy



Original Color
3C0048

Protanopia
00234A

Deuteranopia
002541



Tritanopia
361C1E

Trichromacy



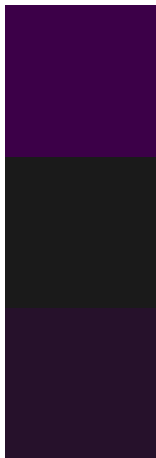
Original Color
3C0048

Protanomaly
161649

Deuteranomaly
161844

Tritanomaly
38122D

Monochromacy



Original Color
3C0048

Achromatopsia
1A1A1A

Achromatomaly
26112B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0048 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 #3C0048 looks like.

```
.text, #text, p{  
    color:#3C0048  
}
```

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 #3C0048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0048
}
```

Border

The CSS property to change the border of an element to Hex 3C0048 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
#3C0048 }
```

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

```
.border{ border-color:#3C0048 }
```

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

Here you see how a box with a 4 pixel #3C0048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0048; -webkit-box-shadow:4px 4px  
4px 4px #3C0048; box-shadow:4px 4px 4px  
4px #3C0048 }
```

Background

The CSS property to change the background color of an element to Hex 3C0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0048 }
```

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

```
.background{ background-color:#3C0048 }
```

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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