

Converting Colors

Hex(3C004D)

Have a look what the booklet for
Hex(3C004D) contains.

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Color

Hex(3C004D)

Conversions

Conversions Part 1

Format	Color
Hex	3C004D
RGB	60, 0, 77
RGB Percent	24%, 0%, 30%
CMY	0.7647, 1.0000, 0.6980
CMYK	0.22, 1.00, 0.00, 0.70
HSL	287°, 100%, 15%
HSV	287°, 100%, 30%
XYZ	3.2030, 1.4965, 7.1412
YIQ	26.7180, 11.0430, 36.6670

Conversions

Conversions Part 2

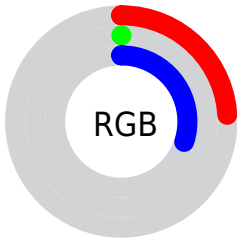
Format	Color
RYB	60, 0, 77
Decimal	3932237
CIELab	12.59, 38.29, -31.37
CIElCh	13, 49.498, 320.672
Yxy	1.4965, 0.2705, 0.1264
Android (android.graphics.Color)	4282122317 (0xFF3C004D)
YUV	26.7180, 24.7890, 29.1883
Hunter-Lab	12.2331, 25.3295, -26.0481




Details

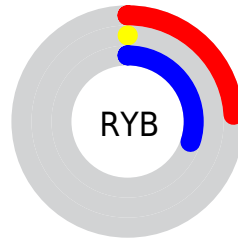
The Hex color **3C004D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **114D00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6F347F**, and **000020** is the 20% darker color. If you saturate the color by 10%, you get **3C004D**, and if you desaturate by 10%, it is **3E084D**.

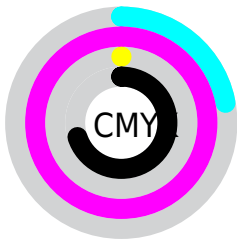
Distribution







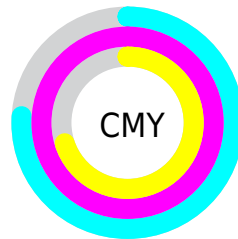
-  Red (24%)
-  Green (0%)
-  Blue (30%)






-  Red (24%)
-  Yellow (0%)
-  Blue (30%)



-  Cyan (22%)
-  Magenta (100%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (76%)
-  Magenta (100%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C004D 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 3C004D by changing the saturation by 10% instead.

 3C004D

 3C004D

 FFEEFF

 260036

 6F347F

 000020

 894D99

 000003

 A466B4

 000000

 C080D0

 DC9AEC

 FAB6FF

 FFD2FF

 3C004D

■ 3E084D

■ 3F0F4D

■ 41174D

■ 431F4D

■ 44274D

■ 462E4D

■ 48364D

■ 4A3E4D

■ 4B454D

Harmonies

Analogous

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



001D63



3C004D



54002D

Triad

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



3C004D



331C00



002F38

Complementary

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



3C004D



114D00

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.



002E14



3C004D



122600

Square

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



3C004D



4A0300



002B00



002D56

Rectangle

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



3C004D



580017



002B00



002F2D

Sweetspot

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



3C004D



5D4663



00124D



2F2133



B3B3B3



333333

Same Dimension

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



3C004D



4D0063



4D0038



252226



4F0066



B300E6

Inverse Universe

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



4D0011



630016



004D15



262223



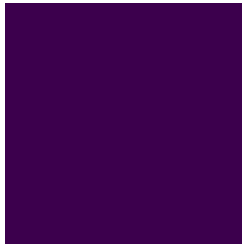
660017



E60033

Previews

White Background



This preview shows how the Hex color 3C004D looks on a white background.

Color Contrast Check

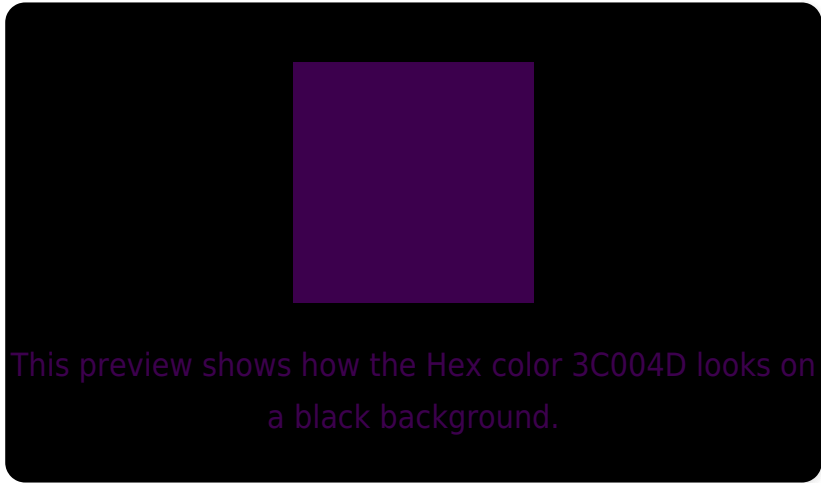
Large Text (above 18pt) WCAG AA ✓ Pass

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

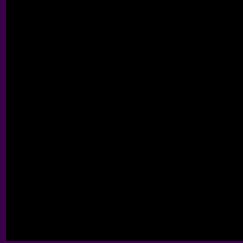
Any Text WCAG AA × Fail

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 3C004D Background



This preview shows how black text looks on a background with the Hex color 3C004D.



This preview shows how white text looks on a background with the Hex color 3C004D.

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
3C004D

Protanopia
00244B

Deuteranopia
002642



Tritanopia
351E20

Trichromacy



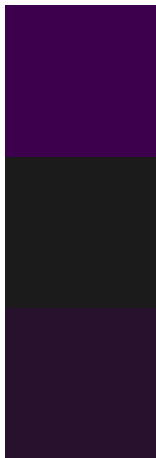
Original Color
3C004D

Protanomaly
16174C

Deuteranomaly
161846

Tritanomaly
381330

Monochromacy



Original Color
3C004D

Achromatopsia
1B1B1B

Achromatomaly
27112D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C004D 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 #3C004D looks like.

```
.text, #text, p{  
    color:#3C004D  
}
```

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 #3C004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C004D
}
```

Border

The CSS property to change the border of an element to Hex 3C004D 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
#3C004D }
```

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

```
.border{ border-color:#3C004D }
```

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

Here you see how a box with a 4 pixel #3C004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C004D; -webkit-box-shadow:4px 4px  
4px 4px #3C004D; box-shadow:4px 4px 4px  
4px #3C004D }
```

Background

The CSS property to change the background color of an element to Hex 3C004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C004D }
```

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

```
.background{ background-color:#3C004D }
```

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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