

Converting Colors

Hex(3C0240)

Have a look what the booklet for
Hex(3C0240) contains.

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Color

Hex(3C0240)

Conversions

Conversions Part 1

Format	Color
Hex	3C0240
RGB	60, 2, 64
RGB Percent	24%, 1%, 25%
CMY	0.7647, 0.9922, 0.7490
CMYK	0.06, 0.97, 0.00, 0.75
HSL	296°, 94%, 13%
HSV	296°, 97%, 25%
XYZ	2.8106, 1.3742, 4.9676
YIQ	26.4100, 14.6660, 31.5780

Conversions

Conversions Part 2

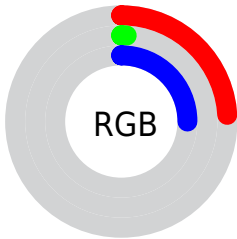
Format	Color
RYB	60, 2, 64
Decimal	3932736
CIELab	11.79, 34.85, -23.56
CIELCh	12, 42.069, 325.943
Yxy	1.3742, 0.3071, 0.1502
Android (android.graphics.Color)	4282122816 (0xFF3C0240)
YUV	26.4100, 18.5319, 29.4584
Hunter-Lab	11.7228, 22.2814, -16.9185

Details

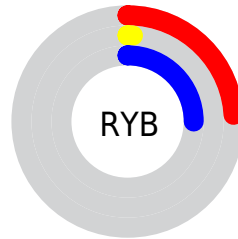
The Hex color **3C0240** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **064002**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6E3470**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **3C0040**, and if you desaturate by 10%, it is **3C0840**.

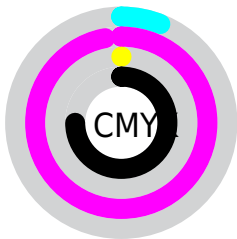
Distribution



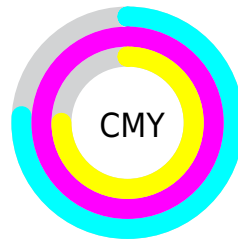
- Red (24%)
- Green (1%)
- Blue (25%)



- Red (24%)
- Yellow (1%)
- Blue (25%)



- Cyan (6%)
- Magenta (97%)
- Yellow (0%)
- Black (75%)



- Cyan (76%)
- Magenta (99%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0240 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 3C0240 by changing the saturation by 10% instead.

 3C0240

 3C0240

 FFEEFF

 27002A

 6E3470

 000114

 884D8A

 000000

 A366A4

 BF80BF

 DB9ADB

 F8B5F8

 FFD1FF

 3C0240

 3C0240

■ 3C0040

■ 3C0840

■ 3D0F40

■ 3D1540

■ 3E1C40

■ 3E2240

■ 3E2840

■ 3F2F40

■ 3F3540

■ 403C40

Harmonies

Analogous

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



041954



3C0240



4D0024

Triad

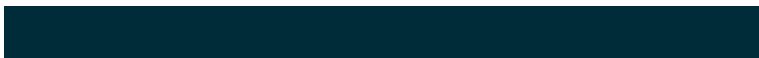
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C0240



2B1D00



002B38

Complementary

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



3C0240



064002

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.



002B1A



3C0240



0E2500

Square

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



3C0240



400D00



002900



00294F

Rectangle

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



3C0240



4E0011



002900



002B2E

Sweetspot

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



3C0240



533C54



020640



2A1C2B



ABABAB



2B2B2B

Same Dimension

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



3C0240



4F0054



400225



211E21



5B0061



D200E0

Inverse Universe

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



400206



540005



02401D



211E1E



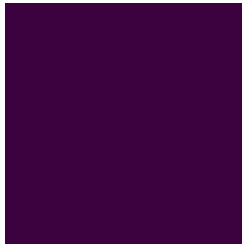
610006



E0000E

Previews

White Background



This preview shows how the Hex color 3C0240 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

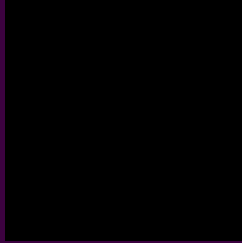
Any Text WCAG AA × Fail

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 3C0240 Background



This preview shows how black text looks on a background with the Hex color 3C0240.



This preview shows how white text looks on a background with the Hex color 3C0240.

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
3C0240

Protanopia
002247

Deuteranopia
10233C



Tritanopia
38191B

Trichromacy



Original Color
3C0240

Protanomaly
161644

Deuteranomaly
20173D

Tritanomaly
391128

Monochromacy



Original Color
3C0240

Achromatopsia
1A1A1A

Achromatomaly
261128

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0240 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 #3C0240 looks like.

```
.text, #text, p{  
    color:#3C0240  
}
```

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 #3C0240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0240
}
```

Border

The CSS property to change the border of an element to Hex 3C0240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

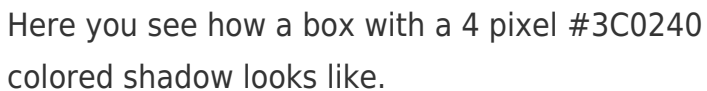
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C0240 }
```

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

```
.border{ border-color:#3C0240 }
```

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



Here you see how a box with a 4 pixel #3C0240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0240; -webkit-box-shadow:4px 4px  
4px 4px #3C0240; box-shadow:4px 4px 4px  
4px #3C0240 }
```

Background

The CSS property to change the background color of an element to Hex 3C0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0240 }
```

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

```
.background{ background-color:#3C0240 }
```

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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