

Converting Colors

Hex(3C0C3C)

Have a look what the booklet for
Hex(3C0C3C) contains.

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Color

Hex(3C0C3C)

Conversions

Conversions Part 1

Format	Color
Hex	3C0C3C
RGB	60, 12, 60
RGB Percent	24%, 5%, 24%
CMY	0.7647, 0.9529, 0.7647
CMYK	0.00, 0.80, 0.00, 0.76
HSL	300°, 67%, 14%
HSV	300°, 80%, 24%
XYZ	2.8106, 1.5498, 4.4260
YIQ	31.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

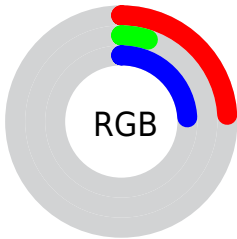
Format	Color
RYB	60, 12, 60
Decimal	3935292
CIELab	12.92, 29.95, -18.90
CIELCh	13, 35.420, 327.747
Yxy	1.5498, 0.3199, 0.1764
Android (android.graphics.Color)	4282125372 (0xFF3C0C3C)
YUV	31.8240, 13.8908, 24.7104
Hunter-Lab	12.4493, 18.5121, -12.3643




Details

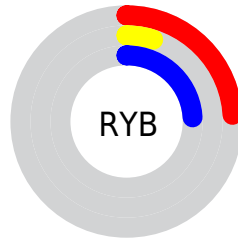
The Hex color **3C0C3C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C3C0C**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **6D3B6C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **3C063C**, and if you desaturate by 10%, it is **3C123C**.

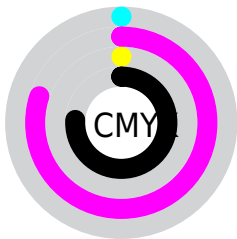
Distribution







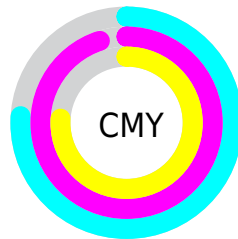
-  Red (24%)
-  Green (5%)
-  Blue (24%)






-  Red (24%)
-  Yellow (5%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0C3C 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 3C0C3C by changing the saturation by 10% instead.

 3C0C3C

 3C0C3C

 FFF4FF

 270026

 6D3B6C

 00010F

 875385

 000000

 A26C9F

 BE86BA

 DAA0D6

 F7BCF2

 FFD8FF

 3C0C3C

 3C0C3C

■ 3C063C

■ 3C123C

■ 3C003C

■ 3C183C

■ 3C1E3C

■ 3C243C

■ 3C2A3C

■ 3C303C

■ 3C363C

■ 3C3C3C

■ 3C423C

Harmonies

Analogous

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



181C4D



3C0C3C



4A0024

Triad

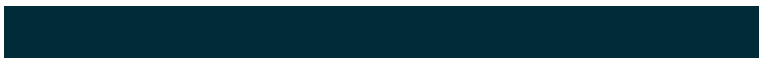
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C0C3C



2C2000



002C38

Complementary

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



3C0C3C



0C3C0C

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.



002C1F



3C0C3C



152600

Square

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



3C0C3C



3F1500



002A00



002A4B

Rectangle

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



3C0C3C



4B0014



002A00



002C30

Sweetspot

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



3C0C3C



4F3C4F



0C0C3C



291D29



A8A8A8



292929

Same Dimension

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



3C0C3C



4F034F



3C0C24



1F1C1F



5E005E



DE00DE

Inverse Universe

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



3C0C3C



4F034F



0C3C24



1F1C1F



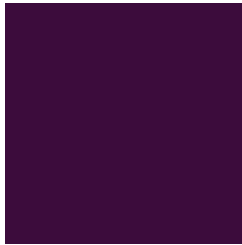
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 3C0C3C looks on a white background.

Color Contrast Check

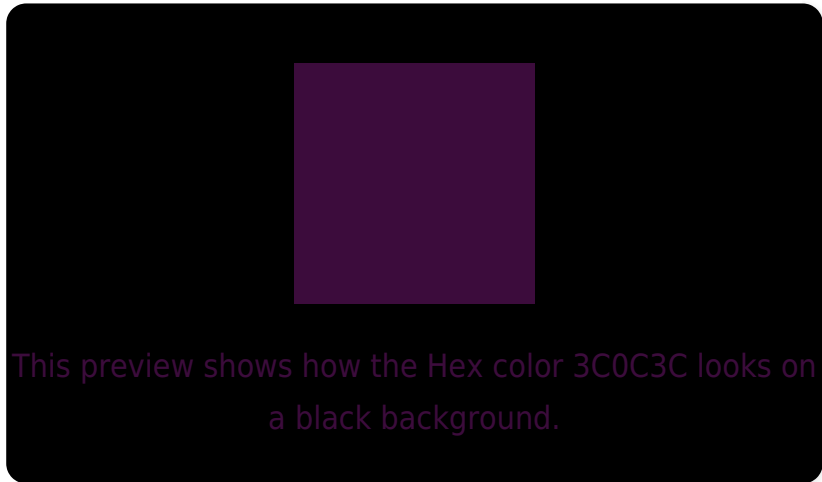
Large Text (above 18pt) WCAG AA ✓ Pass

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

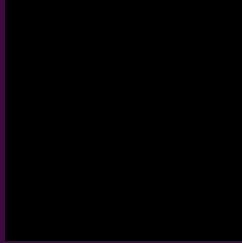
Any Text WCAG AA × Fail

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 3C0C3C Background



This preview shows how black text looks on a background with the Hex color 3C0C3C.



This preview shows how white text looks on a background with the Hex color 3C0C3C.

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](#).

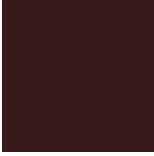
Dichromacy



Original Color
3C0C3C

Protanopia
002249

Deuteranopia
172439



Tritanopia
381A1B

Trichromacy



Original Color
3C0C3C

Protanomaly
161A44

Deuteranomaly
241B3A

Tritanomaly
391527

Monochromacy



Original Color
3C0C3C

Achromatopsia
202020

Achromatomaly
2A192A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0C3C 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 #3C0C3C looks like.

```
.text, #text, p{  
    color:#3C0C3C  
}
```

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 #3C0C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0C3C
}
```

Border

The CSS property to change the border of an element to Hex 3C0C3C 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
#3C0C3C }
```

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

```
.border{ border-color:#3C0C3C }
```

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

Here you see how a box with a 4 pixel #3C0C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0C3C; -webkit-box-shadow:4px 4px  
4px 4px #3C0C3C; box-shadow:4px 4px 4px  
4px #3C0C3C }
```

Background

The CSS property to change the background color of an element to Hex 3C0C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0C3C }
```

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

```
.background{ background-color:#3C0C3C }
```

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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