

Converting Colors

Hex(3D003C)

Have a look what the booklet for
Hex(3D003C) contains.

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Color

Hex(3D003C)

Conversions

Conversions Part 1

Format	Color
Hex	3D003C
RGB	61, 0, 60
RGB Percent	24%, 0%, 24%
CMY	0.7608, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.02, 0.76
HSL	301°, 100%, 12%
HSV	301°, 100%, 24%
XYZ	2.7401, 1.3183, 4.3850
YIQ	25.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

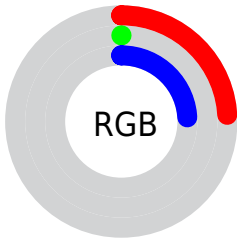
Format	Color
R_{YB}	61, 0, 60
Decimal	3997756
CIE _{Lab}	11.40, 35.20, -21.31
CIE _{LCh}	11, 41.143, 328.809
Yxy	1.3183, 0.3245, 0.1561
Android (android.graphics.Color)	4282187836 (0xFF3D003C)
YUV	25.0790, 17.2161, 31.5027
Hunter-Lab	11.4819, 22.5044, -14.6059

Details

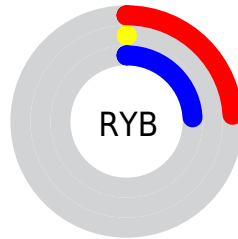
The Hex color **3D003C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003D01**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6F336C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **3D003C**, and if you desaturate by 10%, it is **3D063C**.

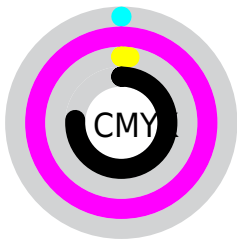
Distribution



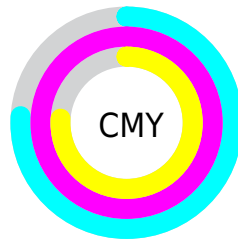
- Red (24%)
- Green (0%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3D003C 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 3D003C by changing the saturation by 10% instead.

 3D003C

 3D003C

 FFECFF

 280026

 6F336C

 00010F

 894B85

 000000

 A4649F

 C07EBA

 DD98D6

 FAB4F3

 FFD0FF

 3D003C

■ 3D063C

■ 3D0C3C

■ 3D123C

■ 3D183C

■ 3D1F3D

■ 3D253D

■ 3D2B3D

■ 3D313D

■ 3D373D

Harmonies

Analogous

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



101751



3D003C



4C0021

Triad

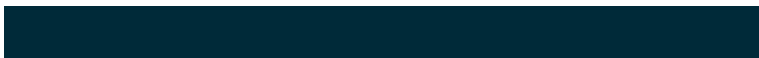
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D003C



281D00



002A39

Complementary

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



3D003C



003D01

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.



002A1C



3D003C



0A2400

Square

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



3D003C



3D0F00



002800



00284F

Rectangle

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



3D003C



4C000C



002800



002A30

Sweetspot

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



3D003C



4F374F



00003D



291A29



A8A8A8



292929

Same Dimension

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



3D003C



4F004E



3D001F



1F1C1F



5E005D



DE00DA

Inverse Universe

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



3D003C



4F004E



003D1F



1F1C1F



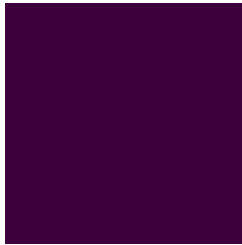
5E005D



DE00DA

Previews

White Background



This preview shows how the Hex color 3D003C looks on a white background.

Color Contrast Check

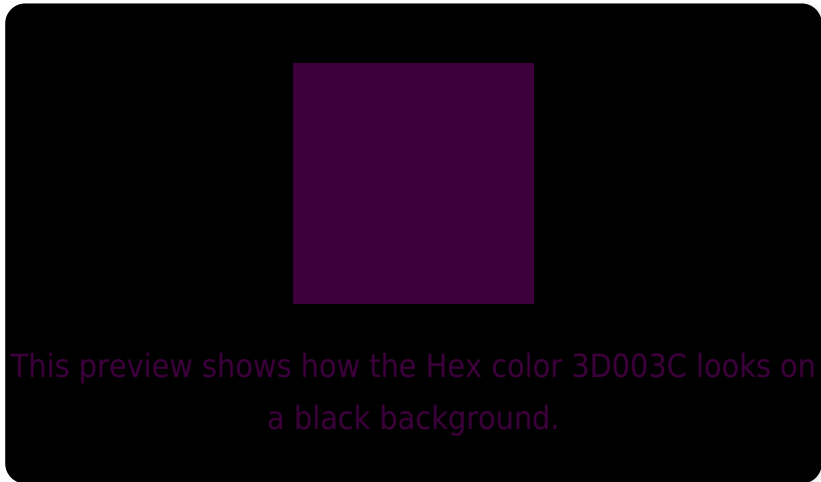
Large Text (above 18pt) WCAG AA ✓ Pass

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

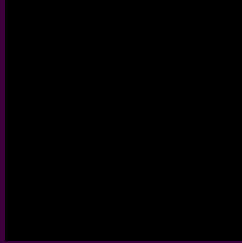
Any Text WCAG AA × Fail

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 3D003C Background



This preview shows how black text looks on a background with the Hex color 3D003C.



This preview shows how white text looks on a background with the Hex color 3D003C.

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
3D003C

Deuteranopia
162338

Tritanopia
391819

Trichromacy

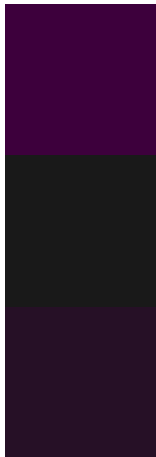


Original Color
3D003C

Deuteranomaly
241639

Tritanomaly
3A0F26

Monochromacy



Original Color
3D003C

Achromatopsia
191919

Achromatomaly
261026

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D003C 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 #3D003C looks like.

```
.text, #text, p{  
    color:#3D003C  
}
```

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 #3D003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D003C
}
```

Border

The CSS property to change the border of an element to Hex 3D003C 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
#3D003C }
```

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

```
.border{ border-color:#3D003C }
```

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

Here you see how a box with a 4 pixel #3D003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D003C; -webkit-box-shadow:4px 4px  
4px 4px #3D003C; box-shadow:4px 4px 4px  
4px #3D003C }
```

Background

The CSS property to change the background color of an element to Hex 3D003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D003C }
```

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

```
.background{ background-color:#3D003C }
```

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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