

# Converting Colors

Hex(3D063C)

Have a look what the booklet for  
Hex(3D063C) contains.

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**Color**

**Hex(3D063C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D063C
RGB	61, 6, 60
RGB Percent	24%, 2%, 24%
CMY	0.7608, 0.9765, 0.7647
CMYK	0.00, 0.90, 0.02, 0.76
HSL	301°, 82%, 13%
HSV	301°, 90%, 24%
XYZ	2.8052, 1.4486, 4.4067
YIQ	28.6010, 15.4460, 28.4540

# Conversions

## Conversions Part 2

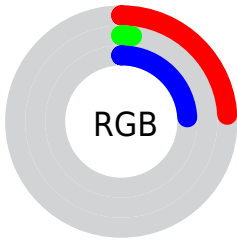
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 6, 60
Decimal	3999292
CIE <sub>Lab</sub>	12.28, 32.63, -19.91
CIE <sub>LCh</sub>	12, 38.228, 328.608
Yxy	1.4486, 0.3239, 0.1673
Android (android.graphics.Color)	4282189372 (0xFF3D063C)
YUV	28.6010, 15.4797, 28.4139
Hunter-Lab	12.0358, 20.5409, -13.2832

# Details

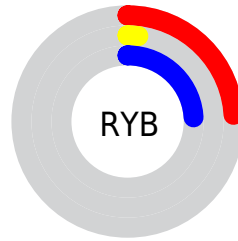
The Hex color **3D063C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **063D07**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6F376C**, 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 **3D0C3C**.

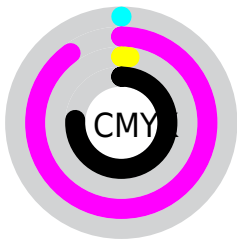
# Distribution



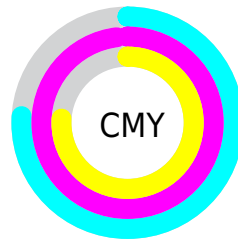
- Red (24%)
- Green (2%)
- Blue (24%)



- Red (24%)
- Yellow (2%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (76%)



- Cyan (76%)
- Magenta (98%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D063C 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 3D063C by changing the saturation by 10% instead.



 3D063C

 3D063C

 FFF1FF

 280026

 6F376C

 00010F

 895085

 000000

 A4689F

 BF82BA

 DC9DD6

 F9B8F3

 FFD4FF

 3D063C

 3D063C

■ 3D003C

■ 3D0C3C

■ 3D123C

■ 3D183C

■ 3D1E3C

■ 3D253D

■ 3D2B3D

■ 3D313D

■ 3D373D

■ 3D3D3D

# Harmonies

## Analogous

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



161A4F



3D063C



4B0023

# Triad

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



3D063C



2A1F00



002B39

# Complementary

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



3D063C



063D07

# 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.



002B1E



3D063C



102600

# Square

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



3D063C



3E1200



002900



00294D

# Rectangle

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



3D063C



4C0010



002900



002B30



# Sweetspot

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



3D063C



4F3A4F



07063D



291C29



A8A8A8



292929



# Same Dimension

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



3D063C



4F004E



3D0621



1F1C1F



5E005D



DE00DA



# Inverse Universe

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



3D063C



4F004E



063D22



1F1C1F



5E005D

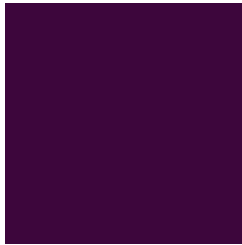


DE00DA



# Previews

## White Background



This preview shows how the Hex color 3D063C looks on a white background.

## Color Contrast Check

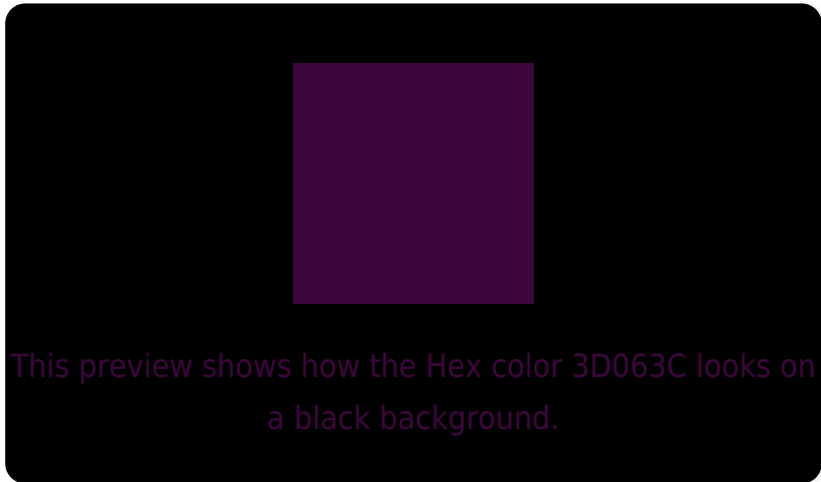
Large Text (above 18pt) WCAG AA ✓ Pass

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

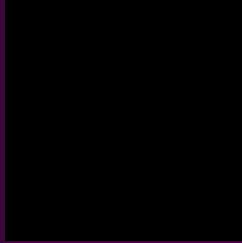
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D063C Background



This preview shows how black text looks on a background with the Hex color 3D063C.



This preview shows how white text looks on a background with the Hex color 3D063C.

# 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**  
3D063C

**Protanopia**  
002248

**Deuteranopia**  
162338



**Tritanopia**  
39181A

# Trichromacy



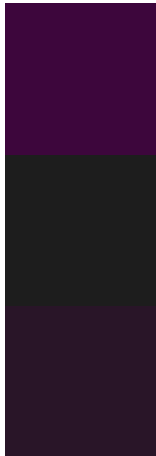
**Original Color**  
3D063C

**Protanomaly**  
161844

**Deuteranomaly**  
241839

**Tritanomaly**  
3A1126

# Monochromacy



**Original Color**  
3D063C

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
291528

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D063C 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 #3D063C looks like.

```
.text, #text, p{  
    color:#3D063C  
}
```

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 #3D063C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D063C
}
```

## Border

The CSS property to change the border of an element to Hex 3D063C is called "border". The border property can be set on classes, ids or directly on the HTML element.

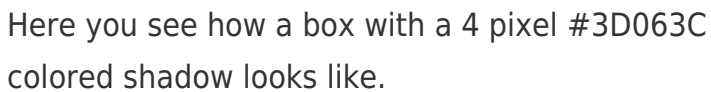
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D063C }
```

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

```
.border{ border-color:#3D063C }
```

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



Here you see how a box with a 4 pixel #3D063C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D063C; -webkit-box-shadow:4px 4px  
4px 4px #3D063C; box-shadow:4px 4px 4px  
4px #3D063C }
```

# Background

The CSS property to change the background color of an element to Hex 3D063C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D063C }
```

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

```
.background{ background-color:#3D063C }
```

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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