

Converting Colors

Hex(003C3D)

Have a look what the booklet for
Hex(003C3D) contains.

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Color

Hex(003C3D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 003C3D |
| RGB | 0, 60, 61 |
| RGB Percent | 0%, 24%, 24% |
| CMY | 1.0000, 0.7647, 0.7608 |
| CMYK | 1.00, 0.02, 0.00, 0.76 |
| HSL | 181°, 100%, 12% |
| HSV | 181°, 100%, 24% |
| XYZ | 2.4582, 3.5686, 4.9741 |
| YIQ | 42.1740, -36.0810, -12.4090 |

Conversions

Conversions Part 2

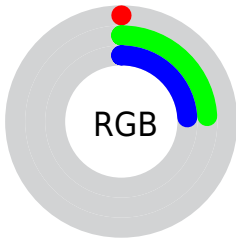
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 30, 61 |
| Decimal | 15421 |
| CIELab | 22.19, -16.75, -5.65 |
| CIELCh | 22, 17.679, 198.637 |
| Yxy | 3.5686, 0.2235, 0.3244 |
| Android (android.graphics.Color) | 4278205501 (0xFF003C3D) |
| YUV | 42.1740, 9.2812, -36.9866 |
| Hunter-Lab | 18.8908, -9.8317, -2.3880 |

Details

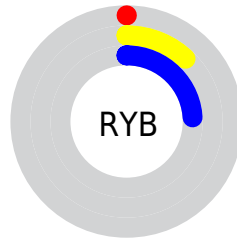
The Hex color **003C3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0100**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **396C6C**, and **000F13** is the 20% darker color. If you saturate the color by 10%, you get **003C3D**, and if you desaturate by 10%, it is **063C3D**.

Distribution



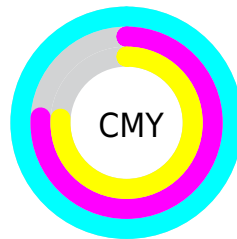
- Red (0%)
- Green (24%)
- Blue (24%)



- Red (0%)
- Yellow (12%)
- Blue (24%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 003C3D 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 003C3D by changing the saturation by 10% instead.

 003C3D

 003C3D

 F6FFFF

 002627

 396C6C

 000F13

 538586

 000000

 6C9FA0

 87BABB

 A2D6D6

 BDF3F3

 DAFFFF

 003C3D

■ 063C3D

■ 0C3C3D

■ 123C3D

■ 183C3D

■ 1F3D3D

■ 253D3D

■ 2B3D3D

■ 313D3D

■ 373D3D

Harmonies

Analogous

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



153C2F



003C3D



003B48

Triad

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



003C3D



412F47



42331B

Complementary

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



003C3D



3D0100

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.



4B2E22



003C3D



4B2B3B

Square

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



003C3D



2F344E



4F2B2D



35371C

Rectangle

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



003C3D



0F394D



4F2B2D



45311D

Sweetspot

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



003C3D



374F4F



003D00



1A2929



A8A8A8



292929

Same Dimension

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



003C3D



004E4F



001F3D



1C1F1F



005D5E



00DADE

Inverse Universe

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



3D003C



4F004E



3D1F00



1F1C1F



5E005D



DE00DA

Previews

White Background



This preview shows how the Hex color 003C3D looks on a white background.

Color Contrast Check

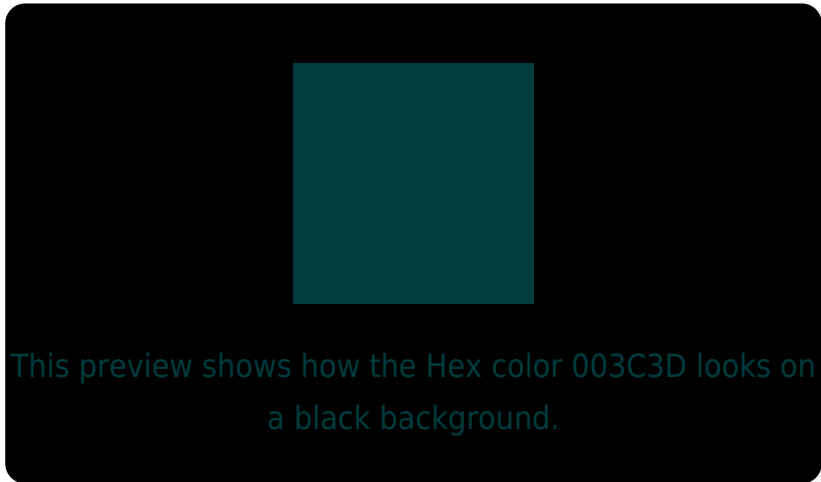
Large Text (above 18pt) WCAG AA ✓ Pass

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

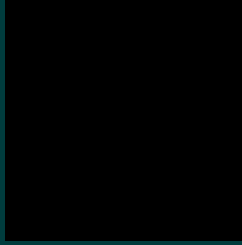
Any Text WCAG AA × Fail

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 003C3D Background



This preview shows how black text looks on a background with the Hex color 003C3D.



This preview shows how white text looks on a background with the Hex color 003C3D.

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
003C3D

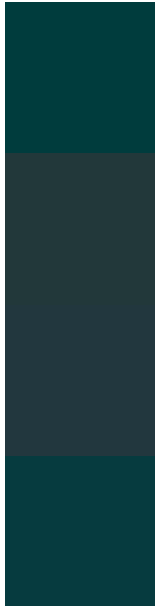
Protanopia
363539

Deuteranopia
36343F



Tritanopia
0A3B40

Trichromacy



Original Color
003C3D

Protanomaly
22383A

Deuteranomaly
22373E

Tritanomaly
063B3F

Monochromacy



Original Color
003C3D

Achromatopsia
2A2A2A

Achromatomaly
1B3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 003C3D 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 #003C3D looks like.

```
.text, #text, p{  
    color:#003C3D  
}
```

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 #003C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003C3D
}
```

Border

The CSS property to change the border of an element to Hex 003C3D 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".

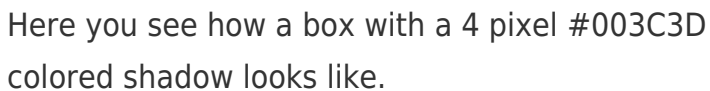
```
.border, #border, table{ border:4px solid
#003C3D }
```

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

```
.border{ border-color:#003C3D }
```

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

Here you see how a box with a 4 pixel #003C3D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003C3D; -webkit-box-shadow:4px 4px  
4px 4px #003C3D; box-shadow:4px 4px 4px  
4px #003C3D }
```

Background

The CSS property to change the background color of an element to Hex 003C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003C3D }
```

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

```
.background{ background-color:#003C3D }
```

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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