

Converting Colors

Hex(003A3D)

Have a look what the booklet for
Hex(003A3D) contains.

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Color

Hex(003A3D)

Conversions

Conversions Part 1

Format	Color
Hex	003A3D
RGB	0, 58, 61
RGB Percent	0%, 23%, 24%
CMY	1.0000, 0.7725, 0.7608
CMYK	1.00, 0.05, 0.00, 0.76
HSL	183°, 100%, 12%
HSV	183°, 100%, 24%
XYZ	2.3554, 3.3630, 4.9399
YIQ	41.0000, -35.5310, -11.3630

Conversions

Conversions Part 2

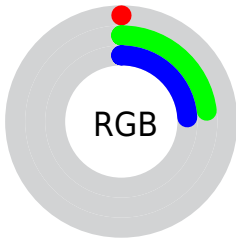
Format	Color
RYB	0, 30, 61
Decimal	14909
CIELab	21.44, -15.62, -6.78
CIELCh	21, 17.025, 203.450
Yxy	3.3630, 0.2210, 0.3155
Android (android.graphics.Color)	4278204989 (0xFF003A3D)
YUV	41.0000, 9.8600, -35.9570
Hunter-Lab	18.3386, -9.1664, -3.1340

Details

The Hex color **003A3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0300**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **39696C**, and **000B13** is the 20% darker color. If you saturate the color by 10%, you get **003A3D**, and if you desaturate by 10%, it is **063A3D**.

Distribution



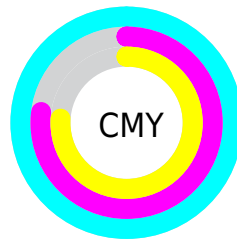
- Red (0%)
- Green (23%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A3D 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 003A3D by changing the saturation by 10% instead.

 003A3D

 003A3D


 F6FFFF

 002427

 39696C

 000B13

 528386

 000000

 6C9DA0

 86B8BB

 A1D3D6

 BDF0F3

 D9FFFF

 003A3D

■ 063A3D

■ 0C3B3D

■ 123B3D

■ 183B3D

■ 1F3B3D

■ 253C3D

■ 2B3C3D

■ 313C3D

■ 373D3D

Harmonies

Analogous

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



123A30



003A3D



043947

Triad

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



003A3D



412D43



3E321A

Complementary

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



003A3D



3D0300

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.



472D20



003A3D



4A2A37

Square

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



003A3D



31314A



4C2A2A



32361C

Rectangle

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



003A3D



14374B



4C2A2A



42301B

Sweetspot

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



003A3D



374E4F



003D02



1A2829



A8A8A8



292929

Same Dimension

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



003A3D



004B4F



001C3D



1C1E1F



005A5E



00D3DE

Inverse Universe

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



3D003A



4F004B



3D2100



1F1C1E



5E005A



DE00D3

Previews

White Background



This preview shows how the Hex color 003A3D looks on a white background.

Color Contrast Check

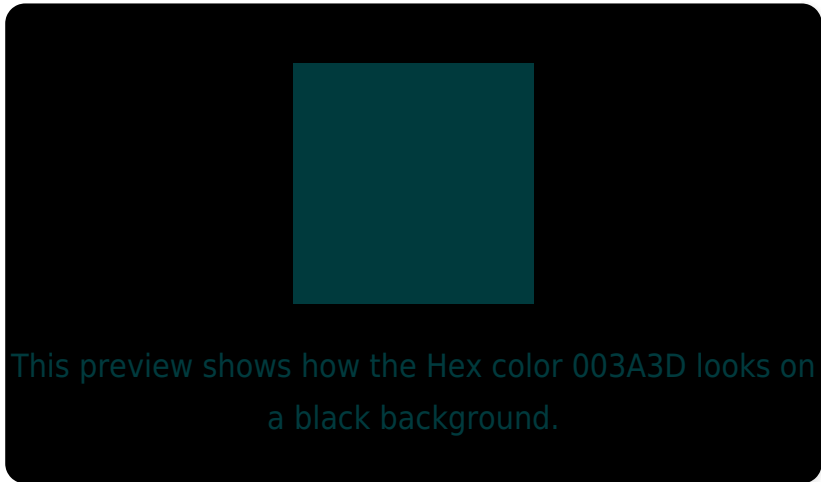
Large Text (above 18pt) WCAG AA ✓ Pass

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

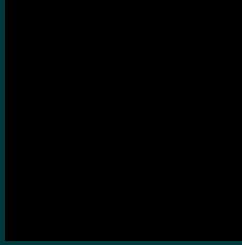
Any Text WCAG AA × Fail

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 003A3D Background



This preview shows how black text looks on a background with the Hex color 003A3D.



This preview shows how white text looks on a background with the Hex color 003A3D.

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
003A3D

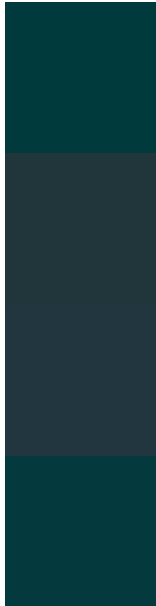
Protanopia
333439

Deuteranopia
34333F



Tritanopia
073A3E

Trichromacy



Original Color
003A3D

Protanomaly
20363A

Deuteranomaly
21363E

Tritanomaly
043A3E

Monochromacy



Original Color
003A3D

Achromatopsia
292929

Achromatomaly
1A2F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A3D 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 #003A3D looks like.

```
.text, #text, p{  
    color:#003A3D  
}
```

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 #003A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A3D
}
```

Border

The CSS property to change the border of an element to Hex 003A3D 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
#003A3D }
```

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

```
.border{ border-color:#003A3D }
```

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

Here you see how a box with a 4 pixel #003A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A3D; -webkit-box-shadow:4px 4px  
4px 4px #003A3D; box-shadow:4px 4px 4px  
4px #003A3D }
```

Background

The CSS property to change the background color of an element to Hex 003A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A3D }
```

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

```
.background{ background-color:#003A3D }
```

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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