

Converting Colors

Hex(003D49)

Have a look what the booklet for
Hex(003D49) contains.

Hex(003D49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003D49)

Conversions

Conversions Part 1

Format	Color
Hex	003D49
RGB	0, 61, 73
RGB Percent	0%, 24%, 29%
CMY	1.0000, 0.7608, 0.7137
CMYK	1.00, 0.16, 0.00, 0.71
HSL	190°, 100%, 14%
HSV	190°, 100%, 29%
XYZ	2.8713, 3.8185, 6.8890
YIQ	44.1290, -40.2080, -9.2000

Conversions

Conversions Part 2

Format	Color
RYB	0, 33, 73
Decimal	15689
CIELab	23.06, -12.65, -12.35
CIELCh	23, 17.675, 224.306
Yxy	3.8185, 0.2115, 0.2812
Android (android.graphics.Color)	4278205769 (0xFF003D49)
YUV	44.1290, 14.2334, -38.7011
Hunter-Lab	19.5410, -7.9682, -7.2235

Details

The Hex color **003D49** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490C00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3C6D7A**, and **00131D** is the 20% darker color. If you saturate the color by 10%, you get **003D49**, and if you desaturate by 10%, it is **073E49**.

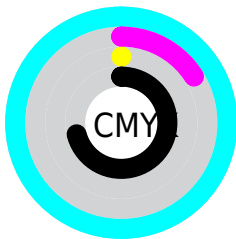
Distribution



- Red (0%)
- Green (24%)
- Blue (29%)



- Red (0%)
- Yellow (13%)
- Blue (29%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D49 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 003D49 by changing the saturation by 10% instead.

 003D49

 003D49

 FBFFFF

 002732

 3C6D7A

 00131D

 568693

 000001

 70A0AE

 000000

 8ABBC9

 A5D7E5

 C1F3FF

 DEFFFF

 003D49

■ 073E49

■ 0F3F49

■ 164149

■ 1D4249

■ 254349

■ 2C4449

■ 334549

■ 3A4749

■ 424849

Harmonies

Analogous

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



053E3D



003D49



173A50

Triad

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



003D49



4C2E3E



39381D

Complementary

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



003D49



490C00

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.



46341E



003D49



512D31

Square

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



003D49



40314A



4E2F25



2B3C24

Rectangle

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



003D49



273851



4E2F25



3E371C

Sweetspot

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



003D49



425A5E



00490B



1F2E30



B0B0B0



303030

Same Dimension

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



003D49



004F5E



001A49



202324



005363



00BEE3

Inverse Universe

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



49003D



5E004F



492F00



242023



630053



E300BE

Previews

White Background



This preview shows how the Hex color 003D49 looks on a white background.

Color Contrast Check

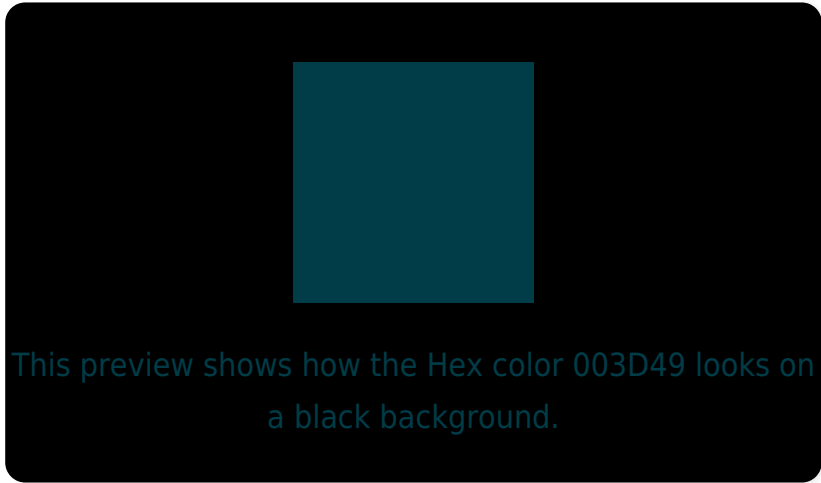
Large Text (above 18pt) WCAG AA ✓ Pass

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

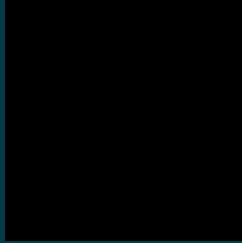
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

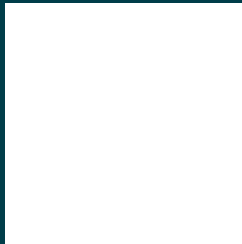
Any Text WCAG AAA × Fail

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

Hex 003D49 Background



This preview shows how black text looks on a background with the Hex color 003D49.



This preview shows how white text looks on a background with the Hex color 003D49.

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
003D49

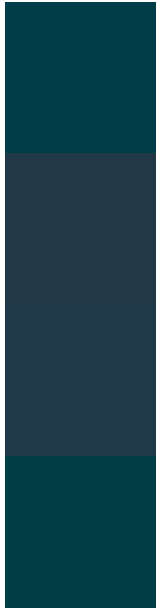
Protanopia
343745

Deuteranopia
32374A



Tritanopia
003E43

Trichromacy



Original Color
003D49

Protanomaly
213946

Deuteranomaly
20394A

Tritanomaly
003E45

Monochromacy



Original Color
003D49

Achromatopsia
2C2C2C

Achromatomaly
1C3237

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D49 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 #003D49 looks like.

```
.text, #text, p{  
    color:#003D49  
}
```

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 #003D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D49
}
```

Border

The CSS property to change the border of an element to Hex 003D49 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
#003D49 }
```

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

```
.border{ border-color:#003D49 }
```

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

Here you see how a box with a 4 pixel #003D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D49; -webkit-box-shadow:4px 4px  
4px 4px #003D49; box-shadow:4px 4px 4px  
4px #003D49 }
```

Background

The CSS property to change the background color of an element to Hex 003D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D49 }
```

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

```
.background{ background-color:#003D49 }
```

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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