

Converting Colors

Hex(003C4D)

Have a look what the booklet for
Hex(003C4D) contains.

Hex(003C4D)	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(003C4D)

Conversions

Conversions Part 1

Format	Color
Hex	003C4D
RGB	0, 60, 77
RGB Percent	0%, 24%, 30%
CMY	1.0000, 0.7647, 0.6980
CMYK	1.00, 0.22, 0.00, 0.70
HSL	193°, 100%, 15%
HSV	193°, 100%, 30%
XYZ	2.9554, 3.7675, 7.5926
YIQ	43.9980, -41.2170, -7.4330

Conversions

Conversions Part 2

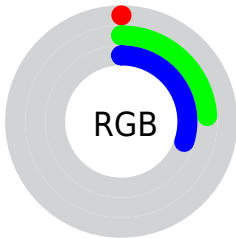
Format	Color
RYB	0, 34, 77
Decimal	15437
CIELab	22.89, -10.39, -15.27
CIELCh	23, 18.472, 235.771
Yxy	3.7675, 0.2064, 0.2632
Android (android.graphics.Color)	4278205517 (0xFF003C4D)
YUV	43.9980, 16.2700, -38.5862
Hunter-Lab	19.4102, -6.7891, -9.6052

Details

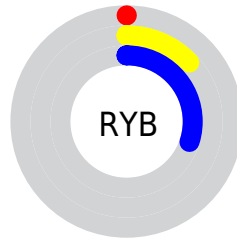
The Hex color **003C4D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D1100**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3D6B7E**, and **001221** is the 20% darker color. If you saturate the color by 10%, you get **003C4D**, and if you desaturate by 10%, it is **083E4D**.

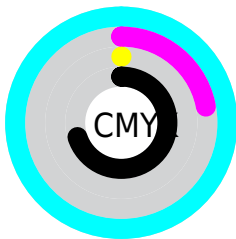
Distribution



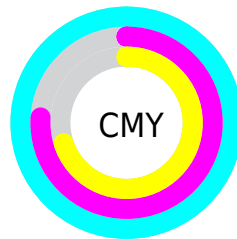
- Red (0%)
- Green (24%)
- Blue (30%)



- Red (0%)
- Yellow (13%)
- Blue (30%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003C4D 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 003C4D by changing the saturation by 10% instead.

 003C4D

 003C4D

 FCFFFF

 002636

 3D6B7E

 001221

 578598

 000007

 719FB3

 000000

 8BBACE

 A7D5EA

 C3F2FF

 DFFFFF

 003C4D

■ 083E4D

■ 0F3F4D

■ 17414D

■ 1F434D

■ 27444D

■ 2E464D

■ 36484D

■ 3E4A4D

■ 454B4D

Harmonies

Analogous

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



003E42



003C4D



1E3952

Triad

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



003C4D



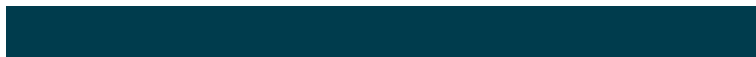
4F2C39



33391D

Complementary

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



003C4D



4D1100

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.



41351B



003C4D



512D2B

Square

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



003C4D



462F46



4C3020



233C27

Rectangle

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



003C4D



2E3551



4C3020



38381C

Sweetspot

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



003C4D



465D63



004D11



212F33



B3B3B3



333333

Same Dimension

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



003C4D



004D63



00164D



222526



004F66



00B3E6

Inverse Universe

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



4D003C



63004D



4D3700



262225



66004F



E600B3

Previews

White Background



This preview shows how the Hex color 003C4D looks on a white background.

Color Contrast Check

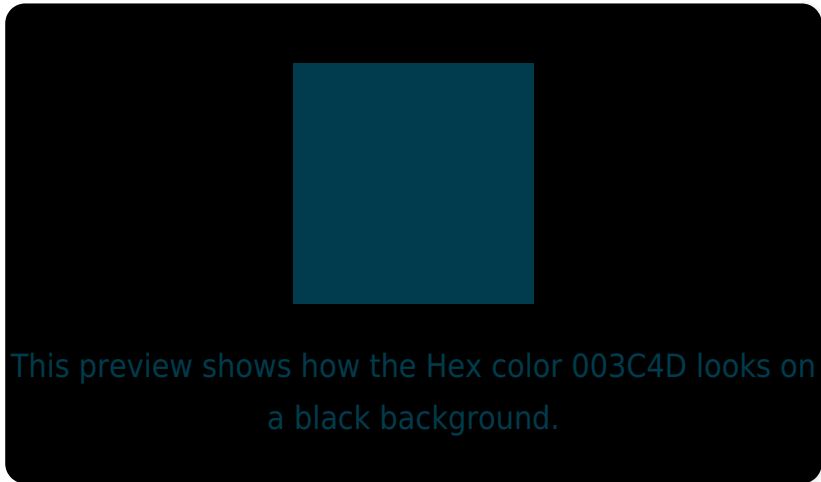
Large Text (above 18pt) WCAG AA ✓ Pass

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

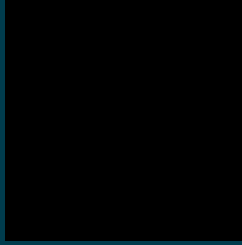
Any Text WCAG AA × Fail

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 003C4D Background



This preview shows how black text looks on a background with the Hex color 003C4D.



This preview shows how white text looks on a background with the Hex color 003C4D.

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
003C4D

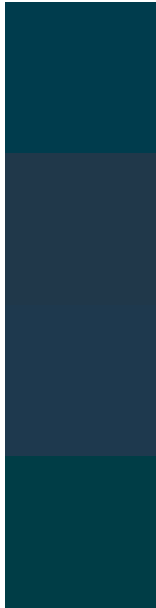
Protanopia
323649

Deuteranopia
2F374E



Tritanopia
003D42

Trichromacy



Original Color
003C4D

Protanomaly
20384A

Deuteranomaly
1E394E

Tritanomaly
003D46

Monochromacy



Original Color
003C4D

Achromatopsia
2C2C2C

Achromatomaly
1C3238

CSS Examples

Text

The CSS property to change the color of the text to Hex 003C4D 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 #003C4D looks like.

```
.text, #text, p{  
    color:#003C4D  
}
```

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 #003C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003C4D
}
```

Border

The CSS property to change the border of an element to Hex 003C4D 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
#003C4D }
```

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

```
.border{ border-color:#003C4D }
```

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

Here you see how a box with a 4 pixel #003C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003C4D; -webkit-box-shadow:4px 4px  
4px 4px #003C4D; box-shadow:4px 4px 4px  
4px #003C4D }
```

Background

The CSS property to change the background color of an element to Hex 003C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003C4D }
```

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

```
.background{ background-color:#003C4D }
```

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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