

Converting Colors

Hex(002C3D)

Have a look what the booklet for
Hex(002C3D) contains.

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Color

Hex(002C3D)

Conversions

Conversions Part 1

Format	Color
Hex	002C3D
RGB	0, 44, 61
RGB Percent	0%, 17%, 24%
CMY	1.0000, 0.8275, 0.7608
CMYK	1.00, 0.28, 0.00, 0.76
HSL	197°, 100%, 12%
HSV	197°, 100%, 24%
XYZ	1.7430, 2.1383, 4.7357
YIQ	32.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

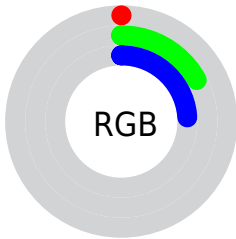
Format	Color
RYB	0, 26, 61
Decimal	11325
CIELab	16.20, -6.93, -14.82
CIELCh	16, 16.362, 244.953
Yxy	2.1383, 0.2023, 0.2481
Android (android.graphics.Color)	4278201405 (0xFF002C3D)
YUV	32.7820, 13.9115, -28.7498
Hunter-Lab	14.6229, -4.3136, -8.9656

Details

The Hex color **002C3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D1100**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **36596D**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **002C3D**, and if you desaturate by 10%, it is **062E3D**.

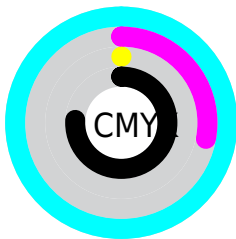
Distribution



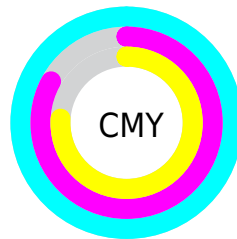
- Red (0%)
- Green (17%)
- Blue (24%)



- Red (0%)
- Yellow (10%)
- Blue (24%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C3D 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 002C3D by changing the saturation by 10% instead.

 002C3D

 002C3D

 F2FFFF

 001827

 36596D

 000112

 4F7286

 000000

 698BA0

 83A6BB

 9DC1D7

 B9DDF3

 D5F9FF

 002C3D

■ 062E3D

■ 0C2F3D

■ 12313D

■ 18333D

■ 1F353D

■ 25363D

■ 2B383D

■ 313A3D

■ 373B3D

Harmonies

Analogous

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



002E35



002C3D



19293F

Triad

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



002C3D



3E1F27



212B15

Complementary

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



002C3D



3D1100

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.



2E2810



002C3D



3D201B

Square

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



002C3D



382032



372413



132D1E

Rectangle

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



002C3D



26263D



372413



262A13

Sweetspot

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



002C3D



37484F



003D10



1A2529



A8A8A8



292929

Same Dimension

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



002C3D



00394F



000E3D



1C1E1F



00445E



00A0DE

Inverse Universe

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



3D002C



4F0039



3D2F00



1F1C1E



5E0044



DE00A0

Previews

White Background



This preview shows how the Hex color 002C3D looks on a white background.

Color Contrast Check

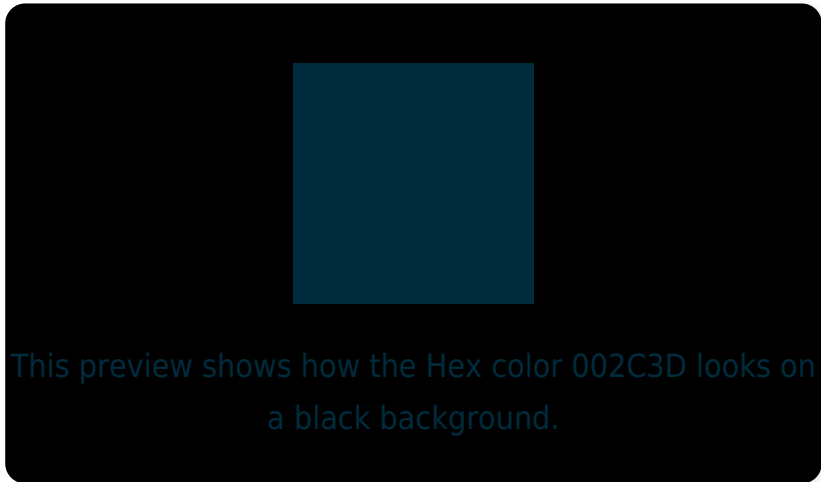
Large Text (above 18pt) WCAG AA ✓ Pass

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

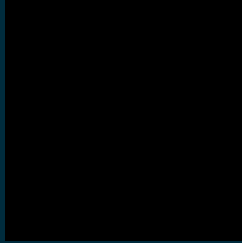
Any Text WCAG AA × Fail

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 002C3D Background



This preview shows how black text looks on a background with the Hex color 002C3D.



This preview shows how white text looks on a background with the Hex color 002C3D.

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
002C3D

Protanopia
23283A

Deuteranopia
1F293E

Trichromacy



Original Color
002C3D

Protanomaly
16293B

Deuteranomaly
142A3E

Tritanomaly
002D35

Monochromacy



Original Color
002C3D

Achromatopsia
212121

Achromatomaly
15252B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C3D 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 #002C3D looks like.

```
.text, #text, p{  
    color:#002C3D  
}
```

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 #002C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C3D
}
```

Border

The CSS property to change the border of an element to Hex 002C3D 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
#002C3D }
```

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

```
.border{ border-color:#002C3D }
```

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

Here you see how a box with a 4 pixel #002C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C3D; -webkit-box-shadow:4px 4px  
4px 4px #002C3D; box-shadow:4px 4px 4px  
4px #002C3D }
```

Background

The CSS property to change the background color of an element to Hex 002C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C3D }
```

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

```
.background{ background-color:#002C3D }
```

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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