

Converting Colors

Hex(002D45)

Have a look what the booklet for
Hex(002D45) contains.

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Color

Hex(002D45)

Conversions

Conversions Part 1

Format	Color
Hex	002D45
RGB	0, 45, 69
RGB Percent	0%, 18%, 27%
CMY	1.0000, 0.8235, 0.7294
CMYK	1.00, 0.35, 0.00, 0.73
HSL	201°, 100%, 14%
HSV	201°, 100%, 27%
XYZ	2.0126, 2.3064, 5.9693
YIQ	34.2810, -34.5240, -2.0760

Conversions

Conversions Part 2

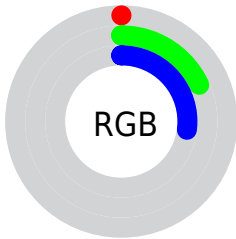
Format	Color
RYB	0, 27, 69
Decimal	11589
CIELab	17.02, -4.00, -19.05
CIElCh	17, 19.462, 258.143
Yxy	2.3064, 0.1956, 0.2242
Android (android.graphics.Color)	4278201669 (0xFF002D45)
YUV	34.2810, 17.1165, -30.0644
Hunter-Lab	15.1870, -2.9226, -12.6734

Details

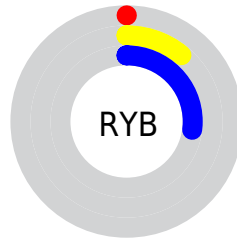
The Hex color **002D45** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **451800**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **395A75**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **002D45**, and if you desaturate by 10%, it is **072F45**.

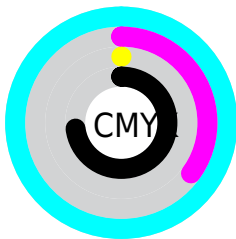
Distribution



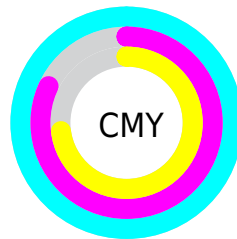
- Red (0%)
- Green (18%)
- Blue (27%)



- Red (0%)
- Yellow (11%)
- Blue (27%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D45 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 002D45 by changing the saturation by 10% instead.

 002D45

 002D45

 F6FFFF

 00192F

 395A75

 00011A

 52738F

 000000

 6C8CAA

 86A7C5

 A1C2E1

 BDDEFE

 D9FAFF

 002D45

■ 072F45

■ 0E3245

■ 153445

■ 1C3745

■ 233945

■ 293B45

■ 303E45

■ 374045

■ 3E4345

Harmonies

Analogous

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



00303E



002D45



222844

Triad

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



002D45



441F22



1A2F17

Complementary

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



002D45



451800

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.



2A2C0E



002D45



402216

Square

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



002D45



411F30



37270E



023124

Rectangle

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



002D45



302540



37270E



202E13

Sweetspot

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



002D45



3E5059



004517



1D282E



ADADAD



2E2E2E

Same Dimension

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



002D45



003A59



000C45



202224



004163



0094E3

Inverse Universe

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



45002D



59003A



453A00



242022



630041



E30094

Previews

White Background



This preview shows how the Hex color 002D45 looks on a white background.

Color Contrast Check

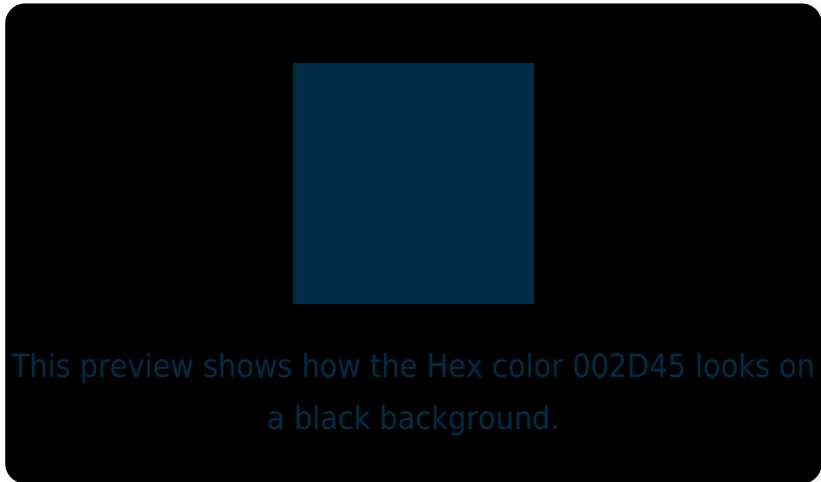
Large Text (above 18pt) WCAG AA ✓ Pass

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

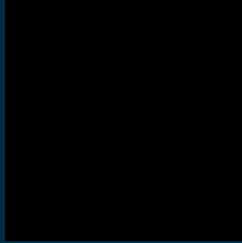
Any Text WCAG AA × Fail

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 002D45 Background



This preview shows how black text looks on a background with the Hex color 002D45.



This preview shows how white text looks on a background with the Hex color 002D45.

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
002D45

Protanopia
222A42

Deuteranopia
1A2B46



Tritanopia
002F33

Trichromacy



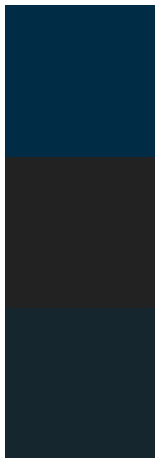
Original Color
002D45

Protanomaly
162B43

Deuteranomaly
112C46

Tritanomaly
002E3A

Monochromacy



Original Color
002D45

Achromatopsia
222222

Achromatomaly
16262F

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D45 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 #002D45 looks like.

```
.text, #text, p{  
    color:#002D45  
}
```

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 #002D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D45
}
```

Border

The CSS property to change the border of an element to Hex 002D45 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
#002D45 }
```

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

```
.border{ border-color:#002D45 }
```

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

Here you see how a box with a 4 pixel #002D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D45; -webkit-box-shadow:4px 4px  
4px 4px #002D45; box-shadow:4px 4px 4px  
4px #002D45 }
```

Background

The CSS property to change the background color of an element to Hex 002D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D45 }
```

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

```
.background{ background-color:#002D45 }
```

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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