

Converting Colors

Hex(002D35)

Have a look what the booklet for
Hex(002D35) contains.

Hex(002D35)	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(002D35)

Conversions

Conversions Part 1

Format	Color
Hex	002D35
RGB	0, 45, 53
RGB Percent	0%, 18%, 21%
CMY	1.0000, 0.8235, 0.7922
CMYK	1.00, 0.15, 0.00, 0.79
HSL	189°, 100%, 10%
HSV	189°, 100%, 21%
XYZ	1.5810, 2.1338, 3.6967
YIQ	32.4570, -29.3880, -7.0520

Conversions

Conversions Part 2

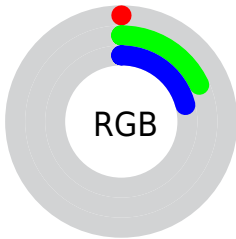
Format	Color
RYB	0, 24, 53
Decimal	11573
CIELab	16.17, -11.05, -9.29
CIELCh	16, 14.434, 220.053
Yxy	2.1338, 0.2133, 0.2879
Android (android.graphics.Color)	4278201653 (0xFF002D35)
YUV	32.4570, 10.1277, -28.4648
Hunter-Lab	14.6076, -6.2441, -4.7791

Details

The Hex color **002D35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **350800**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **345B64**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **002D35**, and if you desaturate by 10%, it is **052E35**.

Distribution



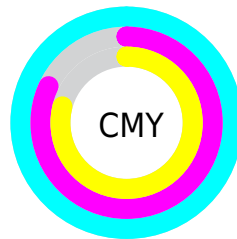
- Red (0%)
- Green (18%)
- Blue (21%)



- Red (0%)
- Yellow (9%)
- Blue (21%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D35 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 002D35 by changing the saturation by 10% instead.

 002D35

 002D35

 EEEFFF

 001920

 345B64

 000007

 4D737C

 000000

 668D96

 80A7B1

 9BC3CC

 B6DFE9

 D2FBFF

 002D35

■ 052E35

■ 0B2F35

■ 102F35

■ 153035

■ 1B3135

■ 203235

■ 253335

■ 2A3335

■ 303435

Harmonies

Analogous

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



052E2B



002D35



0C2B3B

Triad

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



002D35



38212F



2B2914

Complementary

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



002D35



350800

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.



352515



002D35



3C2025

Square

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



002D35



2E2438



3B221B



202B18

Rectangle

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



002D35



19293D



3B221B



2F2813

Sweetspot

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



002D35



304245



003508



172224



A3A3A3



242424

Same Dimension

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



002D35



003A45



001335



17191A



004C59



00B8D9

Inverse Universe

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



35002D



45003A



352200



1A1719



59004C



D900B8

Previews

White Background



This preview shows how the Hex color 002D35 looks on a white background.

Color Contrast Check

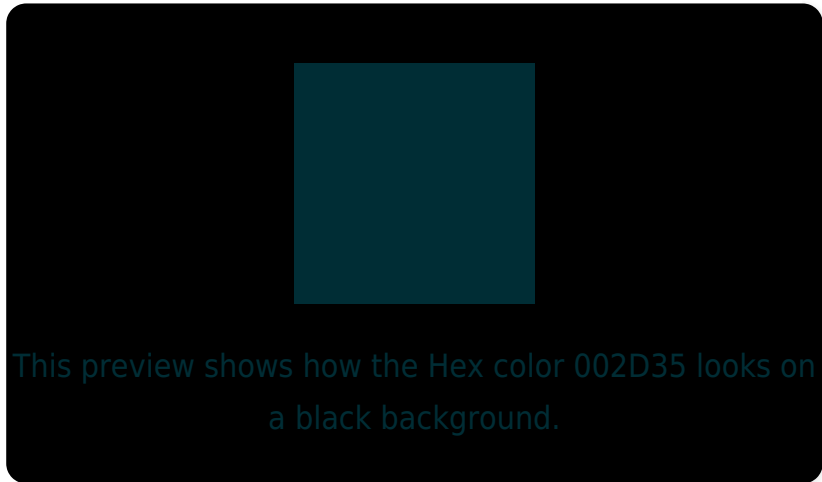
Large Text (above 18pt) WCAG AA ✓ Pass

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

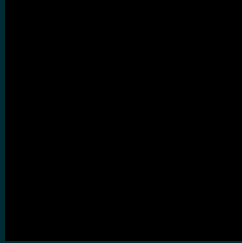
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

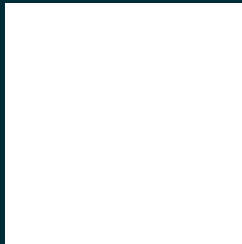
Any Text WCAG AAA × Fail

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

Hex 002D35 Background



This preview shows how black text looks on a background with the Hex color 002D35.



This preview shows how white text looks on a background with the Hex color 002D35.

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
002D35

Protanopia
272832

Deuteranopia
262836

Trichromacy



Original Color
002D35

Protanomaly
192A33

Deuteranomaly
182A36

Tritanomaly
002D32

Monochromacy



Original Color
002D35

Achromatopsia
202020

Achromatomaly
142528

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D35 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 #002D35 looks like.

```
.text, #text, p{  
    color:#002D35  
}
```

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 #002D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D35
}
```

Border

The CSS property to change the border of an element to Hex 002D35 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
#002D35 }
```

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

```
.border{ border-color:#002D35 }
```

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

Here you see how a box with a 4 pixel #002D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D35; -webkit-box-shadow:4px 4px  
4px 4px #002D35; box-shadow:4px 4px 4px  
4px #002D35 }
```

Background

The CSS property to change the background color of an element to Hex 002D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D35 }
```

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

```
.background{ background-color:#002D35 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor