

Converting Colors

Hex(002D65)

Have a look what the booklet for
Hex(002D65) contains.

Hex(002D65)	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(002D65)

Conversions

Conversions Part 1

Format	Color
Hex	002D65
RGB	0, 45, 101
RGB Percent	0%, 18%, 40%
CMY	1.0000, 0.8235, 0.6039
CMYK	1.00, 0.55, 0.00, 0.60
HSL	213°, 100%, 20%
HSV	213°, 100%, 40%
XYZ	3.2873, 2.8164, 12.6823
YIQ	37.9290, -44.7960, 7.8760

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 101
Decimal	11621
CIELab	19.29, 10.78, -36.82
CIELCh	19, 38.370, 286.321
Yxy	2.8164, 0.1750, 0.1499
Android (android.graphics.Color)	4278201701 (0xFF002D65)
YUV	37.9290, 31.0940, -33.2637
Hunter-Lab	16.7820, 5.5970, -33.0584

Details

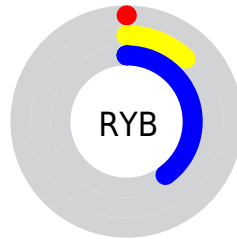
The Hex color **002D65** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **653800**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **445A99**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **002D65**, and if you desaturate by 10%, it is **0A3365**.

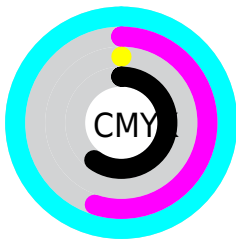
Distribution



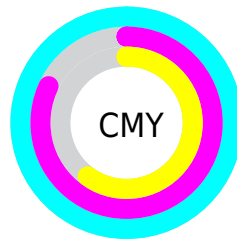
- Red (0%)
- Green (18%)
- Blue (40%)



- Red (0%)
- Yellow (12%)
- Blue (40%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D65 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 002D65 by changing the saturation by 10% instead.

■ 002D65

■ 002D65

FFFFFF

■ 00194D

■ 445A99

■ 000036

■ 5F72B4

■ 00021F

■ 7A8CCF

■ 000003

■ 95A6EC

■ 000000

■ B1C1FF

■ CEDDFF

■ EBF9FF

■ 002D65

■ 0A3365

■ 143865

■ 1E3E65

■ 284365

■ 334965

■ 3D4F65

■ 475465

■ 515A65

■ 5B5F65

Harmonies

Analogous

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



003665



002D65



421F56

Triad

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



002D65



571B02



003A21

Complementary

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



002D65



653800

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.



063700



002D65



452900

Square

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



002D65



5F0C21



2D3200



003B3E

Rectangle

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



002D65



541446



2D3200



003917

Sweetspot

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



002D65



5B6C82



006538



2A3542



C2C2C2



424242

Same Dimension

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



002D65



003A82



050065



2E3033



003373



006CF2

Inverse Universe

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



65002D



82003A



606500



332E30



730033



F2006C

Previews

White Background



This preview shows how the Hex color 002D65 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

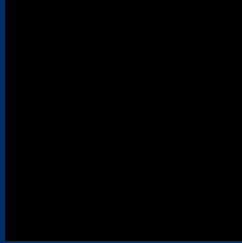
Any Text WCAG AA × Fail

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 002D65 Background



This preview shows how black text looks on a background with the Hex color 002D65.



This preview shows how white text looks on a background with the Hex color 002D65.

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
002D65

Protanopia
002E62

Deuteranopia
003154

Trichromacy



Original Color
002D65

Protanomaly
002E63

Deuteranomaly
00305A

Tritanomaly
003248

Monochromacy



Original Color
002D65

Achromatopsia
262626

Achromatomaly
18293D

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D65 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 #002D65 looks like.

```
.text, #text, p{  
    color:#002D65  
}
```

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 #002D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D65
}
```

Border

The CSS property to change the border of an element to Hex 002D65 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
#002D65 }
```

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

```
.border{ border-color:#002D65 }
```

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

Here you see how a box with a 4 pixel #002D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D65; -webkit-box-shadow:4px 4px  
4px 4px #002D65; box-shadow:4px 4px 4px  
4px #002D65 }
```

Background

The CSS property to change the background color of an element to Hex 002D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D65 }
```

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

```
.background{ background-color:#002D65 }
```

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