

Converting Colors

Hex(003D2E)

Have a look what the booklet for
Hex(003D2E) contains.

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Color

Hex(003D2E)

Conversions

Conversions Part 1

Format	Color
Hex	003D2E
RGB	0, 61, 46
RGB Percent	0%, 24%, 18%
CMY	1.0000, 0.7608, 0.8196
CMYK	1.00, 0.00, 0.25, 0.76
HSL	165°, 100%, 12%
HSV	165°, 100%, 24%
XYZ	2.1619, 3.5347, 3.1531
YIQ	41.0510, -31.5410, -17.5970

Conversions

Conversions Part 2

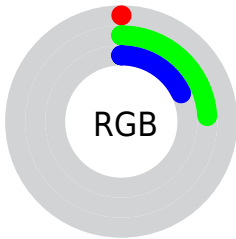
Format	Color
RYB	0, 35, 61
Decimal	15662
CIELab	22.07, -22.43, 4.22
CIELCh	22, 22.820, 169.343
Yxy	3.5347, 0.2443, 0.3994
Android (android.graphics.Color)	4278205742 (0xFF003D2E)
YUV	41.0510, 2.4399, -36.0017
Hunter-Lab	18.8009, -12.3762, 3.2171

Details

The Hex color **003D2E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D000F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **386D5C**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **003D2E**, and if you desaturate by 10%, it is **063D2F**.

Distribution



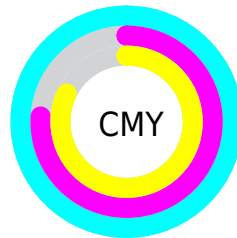
- Red (0%)
- Green (24%)
- Blue (18%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D2E 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 003D2E by changing the saturation by 10% instead.

 003D2E


 003D2E

 F4FFFF

 002719

 386D5C

 000E00

 518774

 000000

 6AA18E

 84BCA8

 9FD8C3

 BBF4DF

 D7FFFC

 003D2E

■ 063D2F

■ 0C3D31

■ 123D32

■ 183D34

■ 1F3D35

■ 253D37

■ 2B3D38

■ 313D3A

■ 373D3C

Harmonies

Analogous

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



203B1E



003D2E



003D3F

Triad

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



003D2E



2C3355



502C1C

Complementary

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



003D2E



3D000F

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.



55272B



003D2E



442C4B

Square

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



003D2E



003856



51273C



443213

Rectangle

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



003D2E



003D4A



51273C



522A20

Sweetspot

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



003D2E



374F49



0F3D00



1A2925



A8A8A8



292929

Same Dimension

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



003D2E



004F3C



002E3D



1C1F1E



005E47



00DEA7

Inverse Universe

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



3D000F



4F0013



3D0F00



1F1C1C



5E0017



DE0037

Previews

White Background



This preview shows how the Hex color 003D2E looks on a white background.

Color Contrast Check

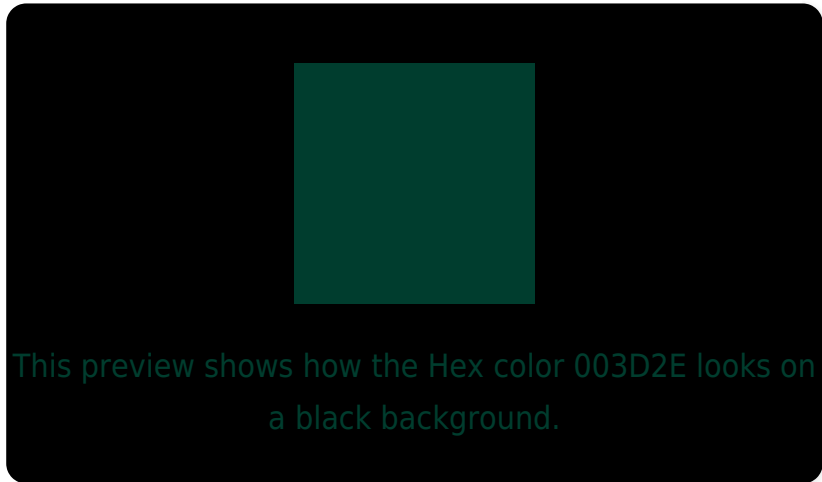
Large Text (above 18pt) WCAG AA ✓ Pass

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

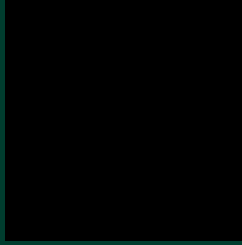
Any Text WCAG AA × Fail

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 003D2E Background



This preview shows how black text looks on a background with the Hex color 003D2E.



This preview shows how white text looks on a background with the Hex color 003D2E.

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
003D2E

Protanopia
39352A

Deuteranopia
3C3330



Tritanopia
133B3F

Trichromacy



Original Color
003D2E

Protanomaly
24382B

Deuteranomaly
26372F

Tritanomaly
0C3C39

Monochromacy



Original Color
003D2E

Achromatopsia
292929

Achromatomaly
1A302B

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D2E 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 #003D2E looks like.

```
.text, #text, p{  
    color:#003D2E  
}
```

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 #003D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D2E
}
```

Border

The CSS property to change the border of an element to Hex 003D2E 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
#003D2E }
```

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

```
.border{ border-color:#003D2E }
```

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

Here you see how a box with a 4 pixel #003D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D2E; -webkit-box-shadow:4px 4px  
4px 4px #003D2E; box-shadow:4px 4px 4px  
4px #003D2E }
```

Background

The CSS property to change the background color of an element to Hex 003D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D2E }
```

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

```
.background{ background-color:#003D2E }
```

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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