

Converting Colors

Hex(003D29)

Have a look what the booklet for
Hex(003D29) contains.

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Color

Hex(003D29)

Conversions

Conversions Part 1

Format	Color
Hex	003D29
RGB	0, 61, 41
RGB Percent	0%, 24%, 16%
CMY	1.0000, 0.7608, 0.8392
CMYK	1.00, 0.00, 0.33, 0.76
HSL	160°, 100%, 12%
HSV	160°, 100%, 24%
XYZ	2.0690, 3.4976, 2.6639
YIQ	40.4810, -29.9360, -19.1520

Conversions

Conversions Part 2

Format	Color
RYB	0, 36, 61
Decimal	15657
CIELab	21.94, -23.91, 7.35
CIElCh	22, 25.011, 162.920
Yxy	3.4976, 0.2514, 0.4250
Android (android.graphics.Color)	4278205737 (0xFF003D29)
YUV	40.4810, 0.2559, -35.5018
Hunter-Lab	18.7018, -12.9807, 4.6460

Details

The Hex color **003D29** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0014**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **376D56**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **003D29**, and if you desaturate by 10%, it is **063D2B**.

Distribution



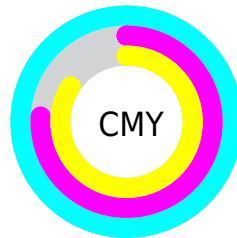
- Red (0%)
- Green (24%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D29 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 003D29 by changing the saturation by 10% instead.

 003D29

 003D29

 F3FFFF

 002715

 376D56

 000D00

 50876F

 000000

 6AA188

 84BCA2

 9FD8BD

 BAF5D9

 D6FFF5

 003D29

■ 063D2B

■ 0C3D2D

■ 123D2F

■ 183D31

■ 1F3D33

■ 253D35

■ 2B3D37

■ 313D39

■ 373D3B

Harmonies

Analogous

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



233B18



003D29



003E3C

Triad

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



003D29



223459



53291C

Complementary

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



003D29



3D0014

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.



57242D



003D29



402C50

Square

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



003D29



003958



512640



483010

Rectangle

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



003D29



003D48



512640



552721

Sweetspot

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



003D29



374F47



143D00



1A2924



A8A8A8



292929

Same Dimension

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



003D29



004F35



00333D



1C1F1E



005E3F



00DE95

Inverse Universe

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



3D0014



4F001A



3D0A00



1F1C1D



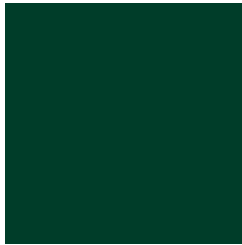
5E001F



DE0049

Previews

White Background



This preview shows how the Hex color 003D29 looks on a white background.

Color Contrast Check

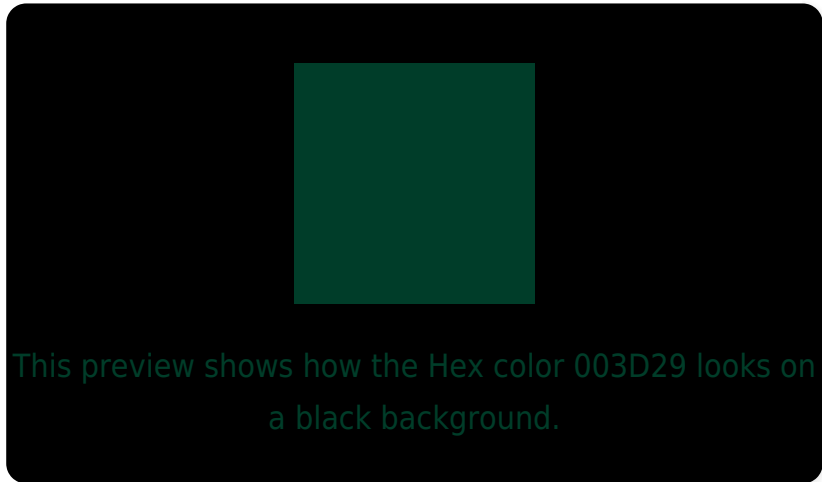
Large Text (above 18pt) WCAG AA ✓ Pass

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

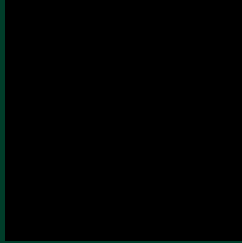
Any Text WCAG AA × Fail

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 003D29 Background



This preview shows how black text looks on a background with the Hex color 003D29.



This preview shows how white text looks on a background with the Hex color 003D29.

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
003D29

Protanopia
393526

Deuteranopia
3E332B



Tritanopia
153A3F

Trichromacy



Original Color
003D29

Protanomaly
243827

Deuteranomaly
27372A

Tritanomaly
0D3B37

Monochromacy



Original Color
003D29

Achromatopsia
282828

Achromatomaly
193028

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D29 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 #003D29 looks like.

```
.text, #text, p{  
    color:#003D29  
}
```

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 #003D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D29
}
```

Border

The CSS property to change the border of an element to Hex 003D29 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
#003D29 }
```

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

```
.border{ border-color:#003D29 }
```

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

Here you see how a box with a 4 pixel #003D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D29; -webkit-box-shadow:4px 4px  
4px 4px #003D29; box-shadow:4px 4px 4px  
4px #003D29 }
```

Background

The CSS property to change the background color of an element to Hex 003D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D29 }
```

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

```
.background{ background-color:#003D29 }
```

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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