

Converting Colors

Hex(003D36)

Have a look what the booklet for
Hex(003D36) contains.

Hex(003D36)	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(003D36)

Conversions

Conversions Part 1

Format	Color
Hex	003D36
RGB	0, 61, 54
RGB Percent	0%, 24%, 21%
CMY	1.0000, 0.7608, 0.7882
CMYK	1.00, 0.00, 0.11, 0.76
HSL	173°, 100%, 12%
HSV	173°, 100%, 24%
XYZ	2.3346, 3.6038, 4.0626
YIQ	41.9630, -34.1090, -15.1090

Conversions

Conversions Part 2

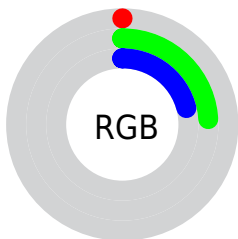
Format	Color
RYB	0, 32, 61
Decimal	15670
CIELab	22.32, -19.81, -0.77
CIELCh	22, 19.827, 182.223
Yxy	3.6038, 0.2334, 0.3603
Android (android.graphics.Color)	4278205750 (0xFF003D36)
YUV	41.9630, 5.9342, -36.8016
Hunter-Lab	18.9838, -11.2699, 0.6004

Details

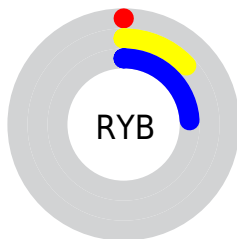
The Hex color **003D36** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0007**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **386D65**, and **000F0A** is the 20% darker color. If you saturate the color by 10%, you get **003D36**, and if you desaturate by 10%, it is **063D37**.

Distribution



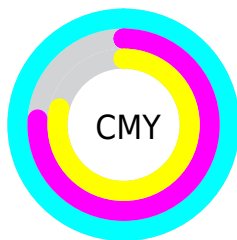
- Red (0%)
- Green (24%)
- Blue (21%)



- Red (0%)
- Yellow (13%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D36 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 003D36 by changing the saturation by 10% instead.

 003D36

 003D36

 F5FFFF

 002721

 386D65

 000F0A

 52867D

 000000

 6BA197

 85BCB2

 A0D8CE

 BCF4EA

 D8FFFF

 003D36

■ 063D37

■ 0C3D37

■ 123D38

■ 183D39

■ 1F3D3A

■ 253D3A

■ 2B3D3B

■ 313D3C

■ 373D3C

Harmonies

Analogous

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



1C3C27



003D36



003D45

Triad

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



003D36



38314E



49301C

Complementary

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



003D36



3D0007

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.



512B26



003D36



492C43

Square

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



003D36



203653



512935



3D3517

Rectangle

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



003D36



003B4C



512935



4D2E1F

Sweetspot

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



003D36



374F4C



073D00



1A2927



A8A8A8



292929

Same Dimension

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



003D36



004F46



00263D



1C1F1E



005E54



00DEC4

Inverse Universe

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



3D0007



4F0009



3D1700



1F1C1C



5E000B



DE0019

Previews

White Background



This preview shows how the Hex color 003D36 looks on a white background.

Color Contrast Check

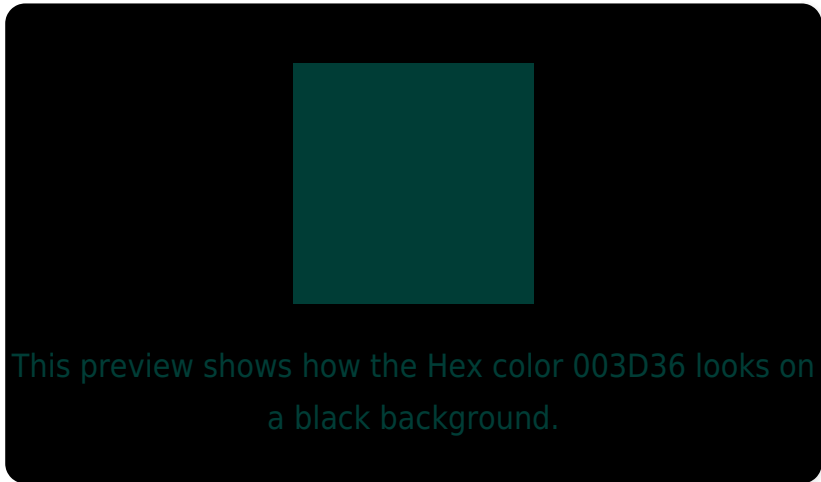
Large Text (above 18pt) WCAG AA ✓ Pass

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

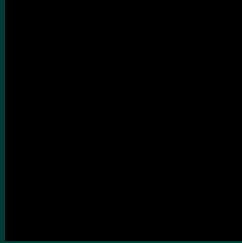
Any Text WCAG AA × Fail

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 003D36 Background



This preview shows how black text looks on a background with the Hex color 003D36.



This preview shows how white text looks on a background with the Hex color 003D36.

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
003D36

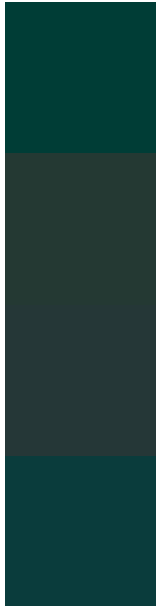
Protanopia
383632

Deuteranopia
3A3438



Tritanopia
103C40

Trichromacy



Original Color
003D36

Protanomaly
243933

Deuteranomaly
253737

Tritanomaly
0A3C3C

Monochromacy



Original Color
003D36

Achromatopsia
2A2A2A

Achromatomaly
1B312E

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D36 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 #003D36 looks like.

```
.text, #text, p{  
    color:#003D36  
}
```

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 #003D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D36
}
```

Border

The CSS property to change the border of an element to Hex 003D36 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
#003D36 }
```

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

```
.border{ border-color:#003D36 }
```

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

Here you see how a box with a 4 pixel #003D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D36; -webkit-box-shadow:4px 4px  
4px 4px #003D36; box-shadow:4px 4px 4px  
4px #003D36 }
```

Background

The CSS property to change the background color of an element to Hex 003D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D36 }
```

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

```
.background{ background-color:#003D36 }
```

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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