

# Converting Colors

Hex(003D38)

Have a look what the booklet for  
Hex(003D38) contains.

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# Color

**Hex(003D38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003D38
RGB	0, 61, 56
RGB Percent	0%, 24%, 22%
CMY	1.0000, 0.7608, 0.7804
CMYK	1.00, 0.00, 0.08, 0.76
HSL	175°, 100%, 12%
HSV	175°, 100%, 24%
XYZ	2.3826, 3.6230, 4.3151
YIQ	42.1910, -34.7510, -14.4870

# Conversions

## Conversions Part 2

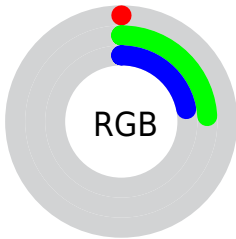
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 32, 61</a>
Decimal	<a href="#">15672</a>
CIELab	<a href="#">22.38, -19.12, -2.01</a>
CIELCh	<a href="#">22, 19.221, 185.999</a>
Yxy	<a href="#">3.6230, 0.2309, 0.3510</a>
Android (android.graphics.Color)	<a href="#">4278205752 (0xFF003D38)</a>
YUV	<a href="#">42.1910, 6.8078, -37.0015</a>
Hunter-Lab	<a href="#">19.0342, -10.9666, -0.1173</a>




# Details

The Hex color **003D38** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0005**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **396D67**, and **00100D** is the 20% darker color. If you saturate the color by 10%, you get **003D38**, and if you desaturate by 10%, it is **063D39**.

# Distribution







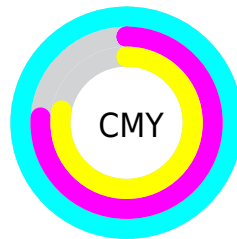
-  Red (0%)
-  Green (24%)
-  Blue (22%)






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



-  Cyan (100%)
-  Magenta (0%)
-  Yellow (8%)
-  Black (76%)



-  Cyan (100%)
-  Magenta (76%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003D38 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 003D38 by changing the saturation by 10% instead.



 003D38

 003D38

 F6FFFF

 002723

 396D67

 00100D

 528680

 000000

 6CA19A

 86BCB5

 A1D8D0

 BCF4EC

 D9FFFF

 003D38

■ 063D39

■ 0C3D39

■ 123D3A

■ 183D3A

■ 1F3D3B

■ 253D3B

■ 2B3D3C

■ 313D3C

■ 373D3D

# Harmonies

## Analogous

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



1A3C29



003D38



003C46

# Triad

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



003D38



3B314D



48311C

# Complementary

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



003D38



3D0005

# 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.



4F2C25



003D38



4A2C41

# Square

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



003D38



243652



512A33



3C3619

# Rectangle

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



003D38



003B4D



512A33



4B2F1E



# Sweetspot

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



003D38



374F4D



053D00



1A2928



A8A8A8



292929



# Same Dimension

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



003D38



004F49



00243D



1C1F1E



005E57



00DECC



# Inverse Universe

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



3D0005



4F0006



3D1900



1F1C1C



5E0008



DE0012



# Previews

## White Background



This preview shows how the Hex color 003D38 looks on a white background.

## Color Contrast Check

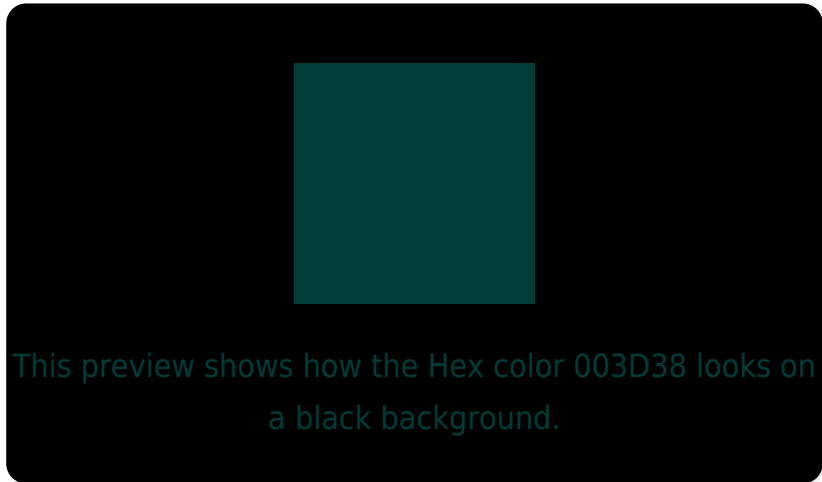
Large Text (above 18pt) WCAG AA ✓ Pass

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

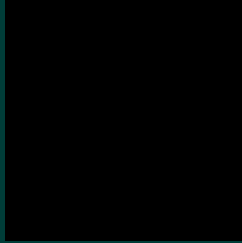
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003D38 Background



This preview shows how black text looks on a background with the Hex color 003D38.



This preview shows how white text looks on a background with the Hex color 003D38.

# 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**  
003D38

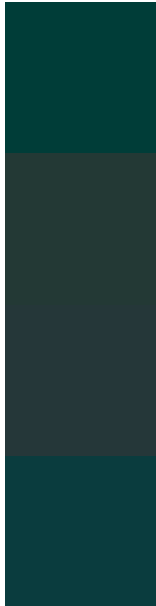
**Protanopia**  
373634

**Deuteranopia**  
3A343A



**Tritanopia**  
0F3C41

# Trichromacy



**Original Color**  
003D38

**Protanomaly**  
233935

**Deuteranomaly**  
253739

**Tritanomaly**  
0A3C3E

# Monochromacy



**Original Color**  
003D38

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1B312F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003D38 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 #003D38 looks like.

```
.text, #text, p{  
    color:#003D38  
}
```

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 #003D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D38
}
```

## Border

The CSS property to change the border of an element to Hex 003D38 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
#003D38 }
```

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

```
.border{ border-color:#003D38 }
```

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

Here you see how a box with a 4 pixel #003D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D38; -webkit-box-shadow:4px 4px  
4px 4px #003D38; box-shadow:4px 4px 4px  
4px #003D38 }
```

# Background

The CSS property to change the background color of an element to Hex 003D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D38 }
```

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

```
.background{ background-color:#003D38 }
```

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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