

# Converting Colors

Hex(003B32)

Have a look what the booklet for  
Hex(003B32) contains.

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# Color

Hex(003B32)

# Conversions

## Conversions Part 1

Format	Color
Hex	003B32
RGB	0, 59, 50
RGB Percent	0%, 23%, 20%
CMY	1.0000, 0.7686, 0.8039
CMYK	1.00, 0.00, 0.15, 0.77
HSL	171°, 100%, 12%
HSV	171°, 100%, 23%
XYZ	2.1397, 3.3582, 3.5530
YIQ	40.3330, -32.2750, -15.3070

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 32, 59
Decimal	15154
CIELab	21.42, -20.13, 0.61
CIELCh	21, 20.143, 178.252
Yxy	3.3582, 0.2364, 0.3710
Android (android.graphics.Color)	4278205234 (0xFF003B32)
YUV	40.3330, 4.7658, -35.3720
Hunter-Lab	18.3254, -11.2278, 1.3323

# Details

The Hex color **003B32** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0009**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **376B60**, and **000A03** is the 20% darker color. If you saturate the color by 10%, you get **003B32**, and if you desaturate by 10%, it is **063B33**.

# Distribution



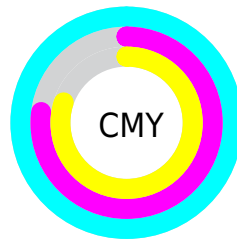
- Red (0%)
- Green (23%)
- Blue (20%)



- Red (0%)
- Yellow (13%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003B32 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 003B32 by changing the saturation by 10% instead.



 003B32

 003B32

 F3FFFF

 00251D

 376B60

 000A03

 508479

 000000

 6A9E93

 84B9AD

 9FD5C8

 BAF2E5

 D7FFFF

 003B32

■ 063B33

■ 0C3B34

■ 123B35

■ 183B36

■ 1D3B37

■ 233B37

■ 293B38

■ 2F3B39

■ 353B3A

# Harmonies

## Analogous

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



1C3A23



003B32



003B41

# Triad

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



003B32



33304E



492D1A

# Complementary

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



003B32



3B0009

# 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.



4F2826



003B32



452A43

# Square

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



003B32



193551



4E2735



3D3215

# Rectangle

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



003B32



003A49



4E2735



4C2B1E



# Sweetspot

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



003B32



364D49



0A3B00



182624



A6A6A6



262626



# Same Dimension

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



003B32



004D41



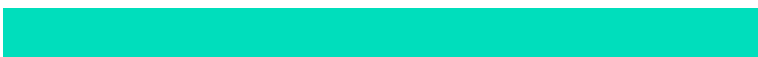
00273B



1C1F1E



005E50



00DEBC



# Inverse Universe

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



3B0009



4D000C



3B1400



1F1C1C



5E000E



DE0022



# Previews

## White Background



This preview shows how the Hex color 003B32 looks on a white background.

## Color Contrast Check

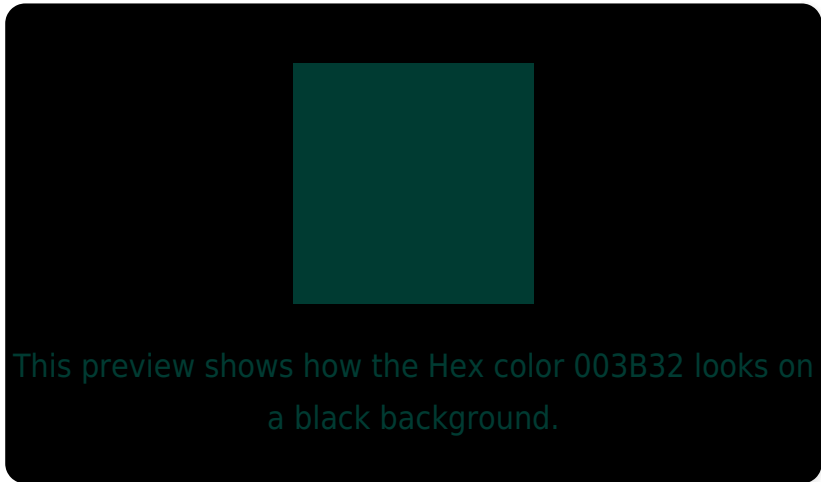
Large Text (above 18pt) WCAG AA ✓ Pass

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

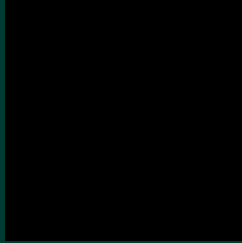
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003B32 Background



This preview shows how black text looks on a background with the Hex color 003B32.



This preview shows how white text looks on a background with the Hex color 003B32.

# 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](#).

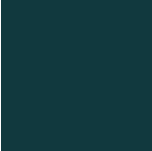
## Dichromacy



**Original Color**  
003B32

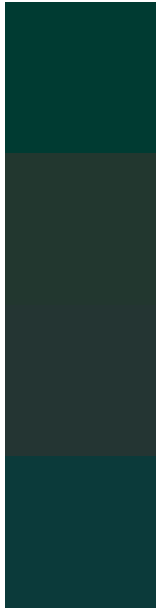
**Protanopia**  
36342E

**Deuteranopia**  
393234



**Tritanopia**  
11393E

# Trichromacy



**Original Color**  
003B32

**Protanomaly**  
22372F

**Deuteranomaly**  
243533

**Tritanomaly**  
0B3A3A

# Monochromacy



**Original Color**  
003B32

**Achromatopsia**  
282828

**Achromatomaly**  
192F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003B32 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 #003B32 looks like.

```
.text, #text, p{  
    color:#003B32  
}
```

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 #003B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B32
}
```

## Border

The CSS property to change the border of an element to Hex 003B32 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".

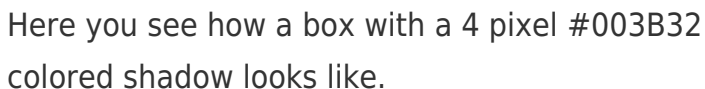
```
.border, #border, table{ border:4px solid
#003B32 }
```

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

```
.border{ border-color:#003B32 }
```

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

Here you see how a box with a 4 pixel #003B32 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B32; -webkit-box-shadow:4px 4px  
4px 4px #003B32; box-shadow:4px 4px 4px  
4px #003B32 }
```

# Background

The CSS property to change the background color of an element to Hex 003B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B32 }
```

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

```
.background{ background-color:#003B32 }
```

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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