

# Converting Colors

Hex(003B28)

Have a look what the booklet for  
Hex(003B28) contains.

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# Color

**Hex(003B28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003B28
RGB	0, 59, 40
RGB Percent	0%, 23%, 16%
CMY	1.0000, 0.7686, 0.8431
CMYK	1.00, 0.00, 0.32, 0.77
HSL	161°, 100%, 12%
HSV	161°, 100%, 23%
XYZ	1.9470, 3.2811, 2.5382
YIQ	39.1930, -29.0650, -18.4170

# Conversions

## Conversions Part 2

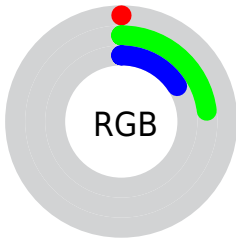
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 35, 59
Decimal	15144
CIELab	21.14, -23.26, 6.90
CIELCh	21, 24.263, 163.489
Yxy	3.2811, 0.2507, 0.4225
Android (android.graphics.Color)	4278205224 (0xFF003B28)
YUV	39.1930, 0.3979, -34.3723
Hunter-Lab	18.1139, -12.5133, 4.3718

# Details

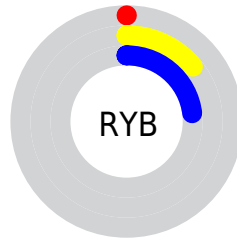
The Hex color **003B28** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0013**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **366B55**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **003B28**, and if you desaturate by 10%, it is **063B2A**.

# Distribution



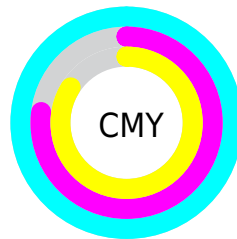
- Red (0%)
- Green (23%)
- Blue (16%)



- Red (0%)
- Yellow (14%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003B28 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 003B28 by changing the saturation by 10% instead.



 003B28

 003B28

 F2FFFF

 002514

 366B55

 000800

 4F846D

 000000

 699F87

 83BAA1

 9ED6BC

 B9F2D8

 D5FFF4

 003B28

■ 063B2A

■ 0C3B2C

■ 123B2E

■ 183B30

■ 1D3B31

■ 233B33

■ 293B35

■ 2F3B37

■ 353B39

# Harmonies

## Analogous

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



213918



003B28



003C3B

# Triad

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



003B28



223256



50281B

# Complementary

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



003B28



3B0013

# 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.



54232B



003B28



3E2B4D

# Square

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



003B28



003755



4F253D



452E10

# Rectangle

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



003B28



003B46



4F253D



522620



# Sweetspot

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



003B28



364D45



143B00



182622



A6A6A6



262626



# Same Dimension

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



003B28



004D34



00313B



1C1F1E



005E40



00DE96



# Inverse Universe

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



3B0013



4D0019



3B0A00



1F1C1D



5E001E

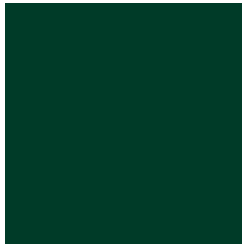


DE0047



# Previews

## White Background



This preview shows how the Hex color 003B28 looks on a white background.

## Color Contrast Check

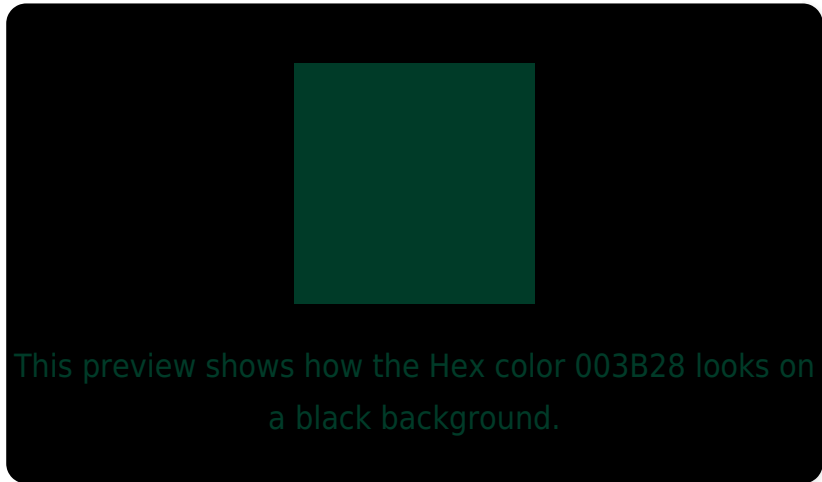
Large Text (above 18pt) WCAG AA ✓ Pass

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

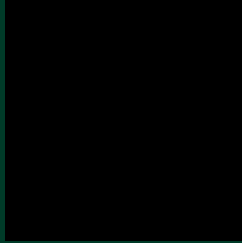
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003B28 Background



This preview shows how black text looks on a background with the Hex color 003B28.



This preview shows how white text looks on a background with the Hex color 003B28.

# 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](#).

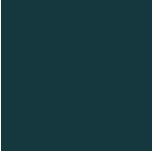
## Dichromacy



**Original Color**  
003B28

**Protanopia**  
373325

**Deuteranopia**  
3B312A



**Tritanopia**  
14383D

# Trichromacy



**Original Color**  
003B28

**Protanomaly**  
233626

**Deuteranomaly**  
263529

**Tritanomaly**  
0D3935

# Monochromacy



**Original Color**  
003B28

**Achromatopsia**  
272727

**Achromatomaly**  
192E27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003B28 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 #003B28 looks like.

```
.text, #text, p{  
    color:#003B28  
}
```

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 #003B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B28
}
```

## Border

The CSS property to change the border of an element to Hex 003B28 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
#003B28 }
```

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

```
.border{ border-color:#003B28 }
```

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

Here you see how a box with a 4 pixel #003B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B28; -webkit-box-shadow:4px 4px  
4px 4px #003B28; box-shadow:4px 4px 4px  
4px #003B28 }
```

# Background

The CSS property to change the background color of an element to Hex 003B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B28 }
```

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

```
.background{ background-color:#003B28 }
```

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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