

# Converting Colors

Hex(003820)

Have a look what the booklet for  
Hex(003820) contains.

<b>Hex(003820)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(003820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003820
RGB	0, 56, 32
RGB Percent	0%, 22%, 13%
CMY	1.0000, 0.7804, 0.8745
CMYK	1.00, 0.00, 0.43, 0.78
HSL	154°, 100%, 11%
HSV	154°, 100%, 22%
XYZ	1.6749, 2.9326, 1.8443
YIQ	36.5200, -25.6720, -19.3360

# Conversions

## Conversions Part 2

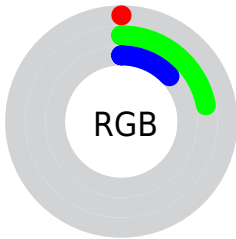
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 36, 56
Decimal	14368
CIELab	19.77, -24.08, 10.31
CIELCh	20, 26.193, 156.814
Yxy	2.9326, 0.2596, 0.4545
Android (android.graphics.Color)	4278204448 (0xFF003820)
YUV	36.5200, -2.2284, -32.0280
Hunter-Lab	17.1249, -12.5106, 5.6022

# Details

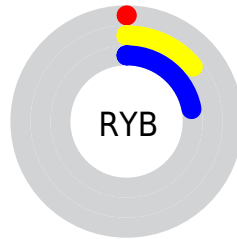
The Hex color **003820** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **380018**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **35684C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003820**, and if you desaturate by 10%, it is **063822**.

# Distribution



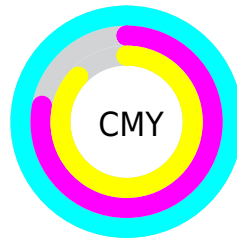
- Red (0%)
- Green (22%)
- Blue (13%)



- Red (0%)
- Yellow (14%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003820 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 003820 by changing the saturation by 10% instead.



 003820

 003820

 F0FFFF

 002309

 35684C

 000000

 4E8164

 679B7D

 81B697

 9CD2B2

 B7EECD

 D3FFE9

 003820

■ 063822

■ 0B3825

■ 113827

■ 16382A

■ 1C382C

■ 22382E

■ 273831

■ 2D3833

■ 323836

# Harmonies

## Analogous

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



22350F



003820



003934

# Triad

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



003820



103156



50221A

# Complementary

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



003820



380018

# 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.



531E2C



003820



36294F

# Square

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



003820



003653



4A213F



46290B

# Rectangle

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



003820



003941



4A213F



522020



# Sweetspot

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



003820



344A40



183800



182620



A6A6A6



262626



# Same Dimension

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



003820



004A2A



003438



191C1B



005C34



00DB7D



# Inverse Universe

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



380018



4A0020



380400



1C191A



5C0027



DB005E



# Previews

## White Background



This preview shows how the Hex color 003820 looks on a white background.

## Color Contrast Check

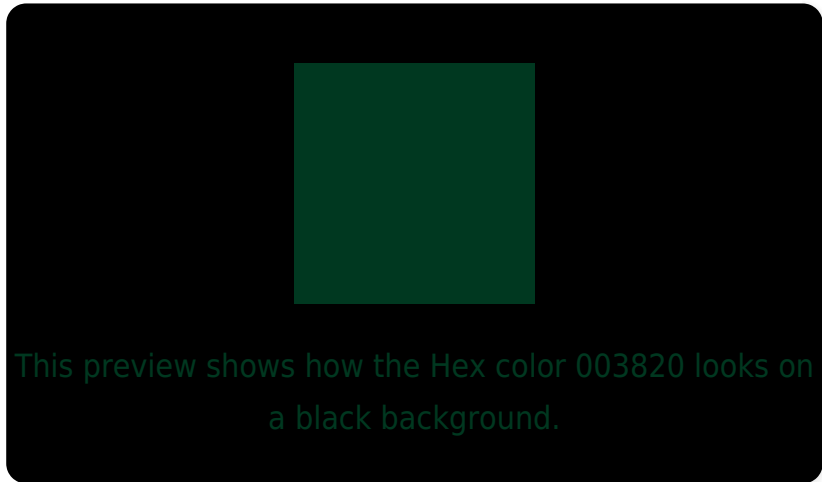
Large Text (above 18pt) WCAG AA ✓ Pass

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

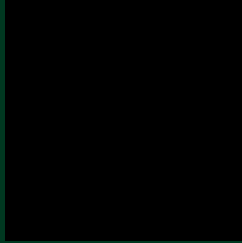
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003820 Background



This preview shows how black text looks on a background with the Hex color 003820.



This preview shows how white text looks on a background with the Hex color 003820.

# 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](#).

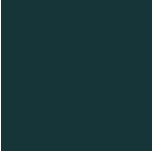
## Dichromacy



**Original Color**  
003820

**Protanopia**  
35301D

**Deuteranopia**  
3A2E22



**Tritanopia**  
153539

# Trichromacy



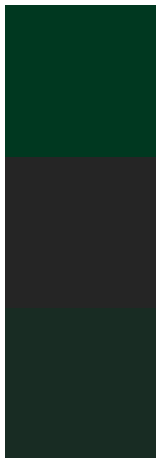
**Original Color**  
003820

**Protanomaly**  
22331E

**Deuteranomaly**  
253221

**Tritanomaly**  
0D3630

# Monochromacy



**Original Color**  
003820

**Achromatopsia**  
252525

**Achromatomaly**  
182C23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003820 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 #003820 looks like.

```
.text, #text, p{  
    color:#003820  
}
```

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 #003820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003820
}
```

## Border

The CSS property to change the border of an element to Hex 003820 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
#003820 }
```

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

```
.border{ border-color:#003820 }
```

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

Here you see how a box with a 4 pixel #003820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003820; -webkit-box-shadow:4px 4px  
4px 4px #003820; box-shadow:4px 4px 4px  
4px #003820 }
```

# Background

The CSS property to change the background color of an element to Hex 003820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003820 }
```

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

```
.background{ background-color:#003820 }
```

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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