

# Converting Colors

Hex(003440)

Have a look what the booklet for  
Hex(003440) contains.

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# Color

**Hex(003440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003440
RGB	0, 52, 64
RGB Percent	0%, 20%, 25%
CMY	1.0000, 0.7961, 0.7490
CMYK	1.00, 0.19, 0.00, 0.75
HSL	191°, 100%, 13%
HSV	191°, 100%, 25%
XYZ	2.1534, 2.8261, 5.2825
YIQ	37.8200, -34.8440, -7.2920

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 29, 64
Decimal	13376
CIELab	19.33, -10.82, -12.02
CIELCh	19, 16.175, 228.018
Yxy	2.8261, 0.2098, 0.2754
Android (android.graphics.Color)	4278203456 (0xFF003440)
YUV	37.8200, 12.9067, -33.1681
Hunter-Lab	16.8112, -6.5548, -6.8626

# Details

The Hex color **003440** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400C00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **386370**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **003440**, and if you desaturate by 10%, it is **063540**.

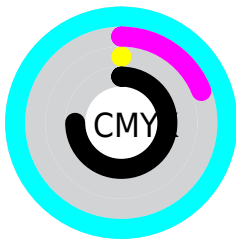
# Distribution



- Red (0%)
- Green (20%)
- Blue (25%)



- Red (0%)
- Yellow (11%)
- Blue (25%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003440 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 003440 by changing the saturation by 10% instead.



 003440


 003440

 F5FFFF

 001F2A

 386370

 000116

 517B89

 000000

 6B95A3

 85B0BF

 A0CBDA

 BCE8F7

 D8FFFF

 003440

■ 063540

■ 0D3640

■ 133840

■ 1A3940

■ 203A40

■ 263B40

■ 2D3C40

■ 333E40

■ 3A3F40

# Harmonies

## Analogous

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



013536



003440



153146

# Triad

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



003440



432634



2F3018

# Complementary

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



003440



400C00

# 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.



3B2D18



003440



462628

# Square

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



003440



39293F



43291E



22331F

# Rectangle

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



003440



232F46



43291E



332F17



# Sweetspot

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



003440



3B4F54



00400C



1C282B



ABABAB



2B2B2B



# Same Dimension

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



003440



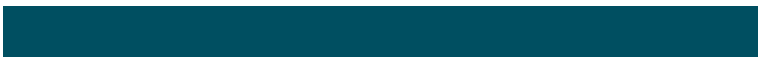
004454



001440



1E2121



004F61



00B6E0



# Inverse Universe

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



400034



540044



402C00



211E21



61004F



E000B6



# Previews

## White Background



This preview shows how the Hex color 003440 looks on a white background.

## Color Contrast Check

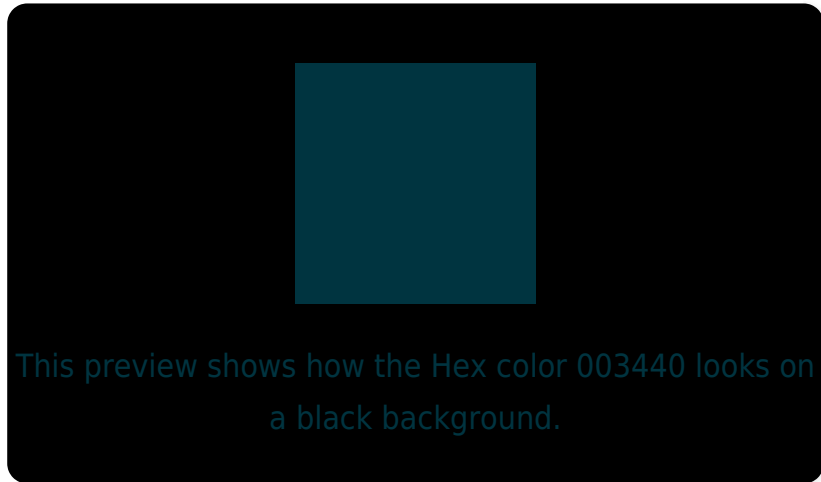
Large Text (above 18pt) WCAG AA ✓ Pass

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

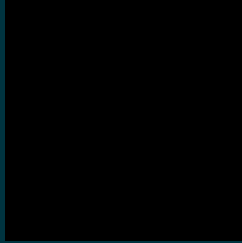
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

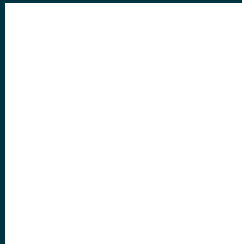
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 003440 Background



This preview shows how black text looks on a background with the Hex color 003440.



This preview shows how white text looks on a background with the Hex color 003440.

# 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**  
003440

**Protanopia**  
2C2F3C

**Deuteranopia**  
2A2F41



# Trichromacy



**Original Color**

003440

**Protanomaly**

1C313D

**Deuteranomaly**

1B3141

**Tritanomaly**

00353C

# Monochromacy



**Original Color**

003440

**Achromatopsia**

262626

**Achromatomaly**

182B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003440 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 #003440 looks like.

```
.text, #text, p{  
    color:#003440  
}
```

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 #003440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003440
}
```

## Border

The CSS property to change the border of an element to Hex 003440 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
#003440 }
```

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

```
.border{ border-color:#003440 }
```

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

Here you see how a box with a 4 pixel #003440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003440; -webkit-box-shadow:4px 4px  
4px 4px #003440; box-shadow:4px 4px 4px  
4px #003440 }
```

# Background

The CSS property to change the background color of an element to Hex 003440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003440 }
```

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

```
.background{ background-color:#003440 }
```

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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