

# Converting Colors

Hex(003452)

Have a look what the booklet for  
Hex(003452) contains.

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# Color

**Hex(003452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003452
RGB	0, 52, 82
RGB Percent	0%, 20%, 32%
CMY	1.0000, 0.7961, 0.6784
CMYK	1.00, 0.37, 0.00, 0.68
HSL	202°, 100%, 16%
HSV	202°, 100%, 32%
XYZ	2.7510, 3.0652, 8.4293
YIQ	39.8720, -40.6220, -1.6940

# Conversions

## Conversions Part 2

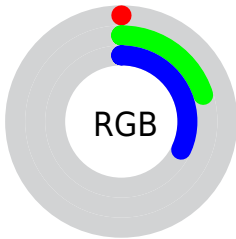
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 32, 82
Decimal	13394
CIE <sub>Lab</sub>	20.30, -2.96, -22.65
CIE <sub>LCh</sub>	20, 22.841, 262.547
Yxy	3.0652, 0.1931, 0.2152
Android (android.graphics.Color)	4278203474 (0xFF003452)
YUV	39.8720, 20.7691, -34.9677
Hunter-Lab	17.5077, -2.5906, -16.2906

# Details

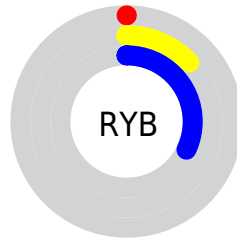
The Hex color **003452** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **521E00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3D6284**, and **000525** is the 20% darker color. If you saturate the color by 10%, you get **003452**, and if you desaturate by 10%, it is **083752**.

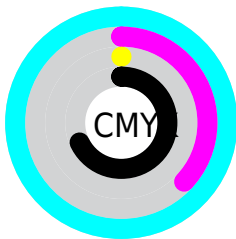
# Distribution



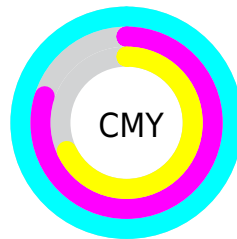
- Red (0%)
- Green (20%)
- Blue (32%)



- Red (0%)
- Yellow (13%)
- Blue (32%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (80%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003452 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 003452 by changing the saturation by 10% instead.



003452

003452

FDFFF

001F3B

3D6284

000525

577B9E

00010E

7295B9

000000

8CAFD5

A8CBF1

C4E7FF

E0FFFF

003452

■ 083752

■ 103A52

■ 193D52

■ 214052

■ 294352

■ 314652

■ 394952

■ 424C52

■ 4A4F52

# Harmonies

## Analogous

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



00384B



003452



2B2E50

# Triad

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



003452



502325



1A371C

# Complementary

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



003452



521E00

# 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.



2E3411



003452



4A2817

# Square

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



003452



4E2336



3E2F0F



00392C

# Rectangle

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



003452



3B2A4A



3E2F0F



213617



# Sweetspot

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



003452



4B5F6B



00521D



222E36



B5B5B5



363636



# Same Dimension

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



003452



00446B



000C52



252729



004269



0093E8



# Inverse Universe

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



520034



6B0044



524600



292527



690042



E80093



# Previews

## White Background



This preview shows how the Hex color 003452 looks on a white background.

## Color Contrast Check

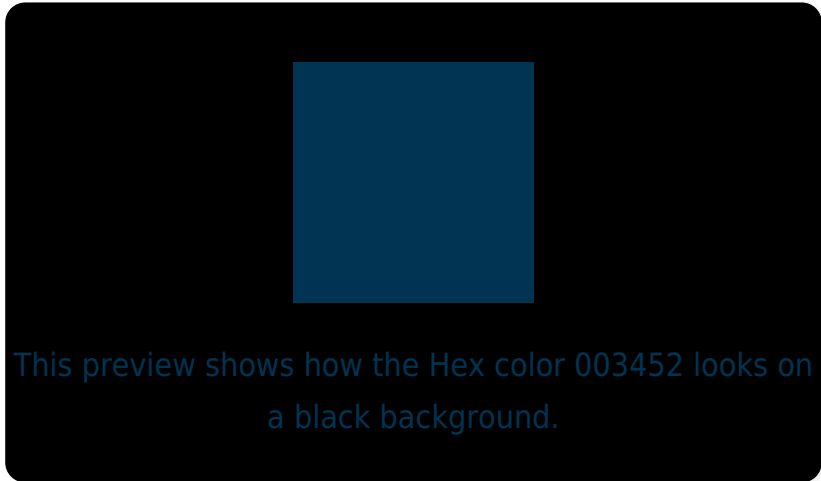
Large Text (above 18pt) WCAG AA ✓ Pass

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

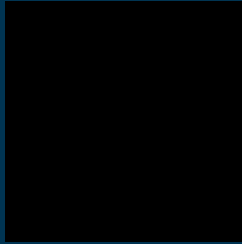
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003452 Background



This preview shows how black text looks on a background with the Hex color 003452.



This preview shows how white text looks on a background with the Hex color 003452.

# 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**  
003452

**Protanopia**  
26314F

**Deuteranopia**  
1C3253



**Tritanopia**  
00373B

# Trichromacy



**Original Color**  
003452

**Protanomaly**  
183250

**Deuteranomaly**  
123353

**Tritanomaly**  
003643

# Monochromacy



**Original Color**  
003452

**Achromatopsia**  
282828

**Achromatomaly**  
192C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003452 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 #003452 looks like.

```
.text, #text, p{  
    color:#003452  
}
```

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 #003452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003452
}
```

## Border

The CSS property to change the border of an element to Hex 003452 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".

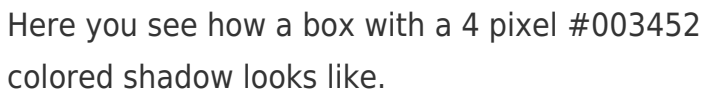
```
.border, #border, table{ border:4px solid
#003452 }
```

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

```
.border{ border-color:#003452 }
```

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

Here you see how a box with a 4 pixel #003452 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003452; -webkit-box-shadow:4px 4px  
4px 4px #003452; box-shadow:4px 4px 4px  
4px #003452 }
```

# Background

The CSS property to change the background color of an element to Hex 003452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003452 }
```

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

```
.background{ background-color:#003452 }
```

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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