

Converting Colors

Hex(003450)

Have a look what the booklet for
Hex(003450) contains.

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Color

Hex(003450)

Conversions

Conversions Part 1

Format	Color
Hex	003450
RGB	0, 52, 80
RGB Percent	0%, 20%, 31%
CMY	1.0000, 0.7961, 0.6863
CMYK	1.00, 0.35, 0.00, 0.69
HSL	201°, 100%, 16%
HSV	201°, 100%, 31%
XYZ	2.6760, 3.0352, 8.0342
YIQ	39.6440, -39.9800, -2.3160

Conversions

Conversions Part 2

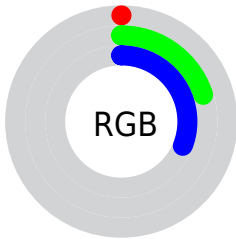
Format	Color
RYB	0, 32, 80
Decimal	13392
CIELab	20.18, -3.86, -21.50
CIELCh	20, 21.843, 259.824
Yxy	3.0352, 0.1947, 0.2208
Android (android.graphics.Color)	4278203472 (0xFF003450)
YUV	39.6440, 19.8955, -34.7678
Hunter-Lab	17.4217, -3.0706, -15.1470

Details

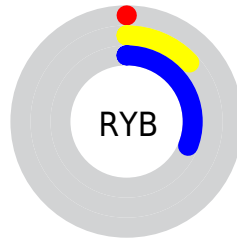
The Hex color **003450** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **501C00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3D6281**, and **000424** is the 20% darker color. If you saturate the color by 10%, you get **003450**, and if you desaturate by 10%, it is **083750**.

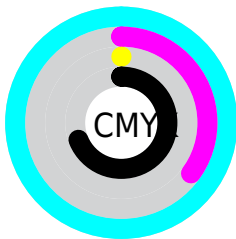
Distribution



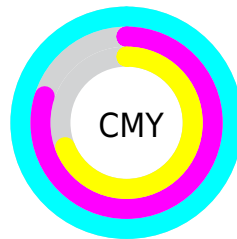
- Red (0%)
- Green (20%)
- Blue (31%)



- Red (0%)
- Yellow (13%)
- Blue (31%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003450 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 003450 by changing the saturation by 10% instead.

003450

003450

FCFFFF

001F39

3D6281

000424

577B9C

00000B

7195B6

000000

8BAFD2

A7CBEE

C3E7FF

DFFFFF

003450

■ 083750

■ 103A50

■ 183C50

■ 203F50

■ 284250

■ 304550

■ 384850

■ 404A50

■ 484D50

Harmonies

Analogous

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



003749



003450



292F4F

Triad

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



003450



4F2427



1D371B

Complementary

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



003450



501C00

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.



303311



003450



4A2819

Square

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



003450



4C2437



3F2E10



00382B

Rectangle

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



003450



392A49



3F2E10



243617

Sweetspot

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



003450



495E69



00501C



222F36



B5B5B5



363636

Same Dimension

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



003450



004469



000C50



252729



0097E8

Inverse Universe

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



500034



690044



504400



292527



E80097

Previews

White Background



This preview shows how the Hex color 003450 looks on a white background.

Color Contrast Check

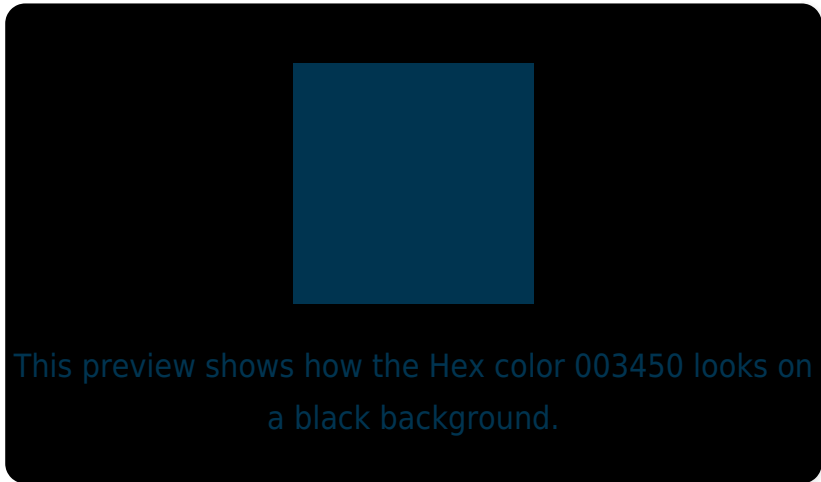
Large Text (above 18pt) WCAG AA ✓ Pass

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

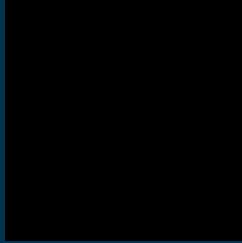
Any Text WCAG AA × Fail

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 003450 Background



This preview shows how black text looks on a background with the Hex color 003450.



This preview shows how white text looks on a background with the Hex color 003450.

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
003450

Protanopia
27304D

Deuteranopia
1E3251



Tritanopia
00373B

Trichromacy



Original Color
003450

Protanomaly
19314E

Deuteranomaly
133351

Tritanomaly
003643

Monochromacy



Original Color
003450

Achromatopsia
282828

Achromatomaly
192C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 003450 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 #003450 looks like.

```
.text, #text, p{  
    color:#003450  
}
```

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 #003450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003450  
}
```

Border

The CSS property to change the border of an element to Hex 003450 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  
#003450 }
```

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

```
.border{ border-color:#003450 }
```

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

Here you see how a box with a 4 pixel #003450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003450; -webkit-box-shadow:4px 4px  
4px 4px #003450; box-shadow:4px 4px 4px  
4px #003450 }
```

Background

The CSS property to change the background color of an element to Hex 003450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003450 }
```

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

```
.background{ background-color:#003450 }
```

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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