

Converting Colors

Hex(003753)

Have a look what the booklet for
Hex(003753) contains.

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Color

Hex(003753)

Conversions

Conversions Part 1

Format	Color
Hex	003753
RGB	0, 55, 83
RGB Percent	0%, 22%, 33%
CMY	1.0000, 0.7843, 0.6745
CMYK	1.00, 0.34, 0.00, 0.67
HSL	200°, 100%, 16%
HSV	200°, 100%, 33%
XYZ	2.9275, 3.3569, 8.6773
YIQ	41.7470, -41.7680, -2.9520

Conversions

Conversions Part 2

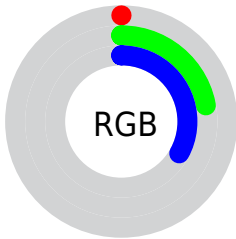
Format	Color
R _{YB}	0, 33, 83
Decimal	14163
CIE Lab	21.42, -4.56, -21.55
CIE LCh	21, 22.027, 258.048
Yxy	3.3569, 0.1957, 0.2244
Android (android.graphics.Color)	4278204243 (0xFF003753)
YUV	41.7470, 20.3377, -36.6121
Hunter-Lab	18.3219, -3.5420, -15.2545

Details

The Hex color **003753** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **531C00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3E6685**, and **000B26** is the 20% darker color. If you saturate the color by 10%, you get **003753**, and if you desaturate by 10%, it is **083A53**.

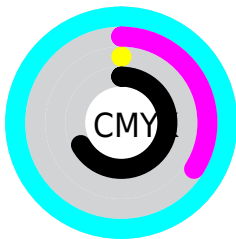
Distribution



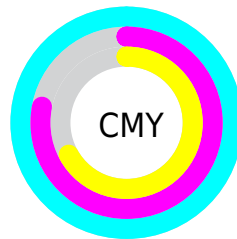
- Red (0%)
- Green (22%)
- Blue (33%)



- Red (0%)
- Yellow (13%)
- Blue (33%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003753 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 003753 by changing the saturation by 10% instead.

■ 003753

■ 003753

FEFFFF

■ 00223C

■ 3E6685

■ 000B26

■ 587F9F

■ 000110

■ 7298BA

■ 000000

■ 8DB3D6

■ A8CF2

■ C4EBFF

■ E1FFFF

■ 003753

■ 083A53

■ 113D53

■ 193F53

■ 214253

■ 294553

■ 324853

■ 3A4B53

■ 424D53

■ 4B5053

Harmonies

Analogous

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



003A4B



003753



2A3252

Triad

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



003753



52262A



21391D

Complementary

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



003753



531C00

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.



333613



003753



4E2A1C

Square

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



003753



4E263B



433013



033B2C

Rectangle

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



003753



3A2D4D



433013



273819

Sweetspot

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



003753



4B606B



00531C



222F36



B5B5B5



363636

Same Dimension

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



003753



00476B



000E53



252729



004569



009AE8

Inverse Universe

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



530037



6B0047



534500



292527



690045



E8009A

Previews

White Background



This preview shows how the Hex color 003753 looks on a white background.

Color Contrast Check

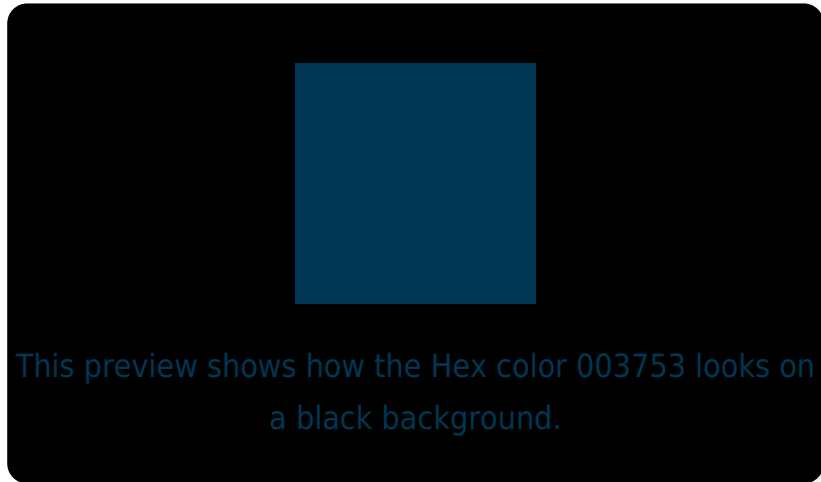
Large Text (above 18pt) WCAG AA ✓ Pass

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

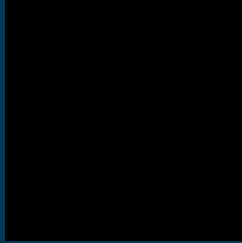
Any Text WCAG AA × Fail

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 003753 Background



This preview shows how black text looks on a background with the Hex color 003753.



This preview shows how white text looks on a background with the Hex color 003753.

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
003753

Protanopia
2A3350

Deuteranopia
213454



Tritanopia
003A3E

Trichromacy



Original Color
003753

Protanomaly
1B3451

Deuteranomaly
153554

Tritanomaly
003946

Monochromacy



Original Color
003753

Achromatopsia
2A2A2A

Achromatomaly
1B2F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 003753 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 #003753 looks like.

```
.text, #text, p{  
    color:#003753  
}
```

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 #003753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003753
}
```

Border

The CSS property to change the border of an element to Hex 003753 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
#003753 }
```

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

```
.border{ border-color:#003753 }
```

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

Here you see how a box with a 4 pixel #003753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003753; -webkit-box-shadow:4px 4px  
4px 4px #003753; box-shadow:4px 4px 4px  
4px #003753 }
```

Background

The CSS property to change the background color of an element to Hex 003753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003753 }
```

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

```
.background{ background-color:#003753 }
```

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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