

Converting Colors

Hex(003660)

Have a look what the booklet for
Hex(003660) contains.

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Color

Hex(003660)

Conversions

Conversions Part 1

Format	Color
Hex	003660
RGB	0, 54, 96
RGB Percent	0%, 21%, 38%
CMY	1.0000, 0.7882, 0.6235
CMYK	1.00, 0.44, 0.00, 0.62
HSL	206°, 100%, 19%
HSV	206°, 100%, 38%
XYZ	3.4305, 3.4829, 11.5578
YIQ	42.6420, -45.6660, 1.6140

Conversions

Conversions Part 2

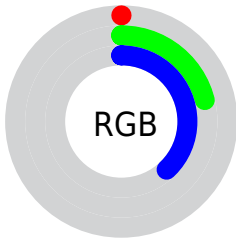
Format	Color
RYB	0, 35, 96
Decimal	13920
CIELab	21.88, 1.95, -29.38
CIELCh	22, 29.447, 273.800
Yxy	3.4829, 0.1857, 0.1886
Android (android.graphics.Color)	4278204000 (0xFF003660)
YUV	42.6420, 26.3055, -37.3970
Hunter-Lab	18.6624, 0.1522, -23.6551

Details

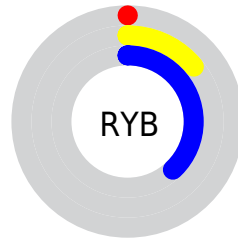
The Hex color **003660** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **602A00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **426493**, and **000931** is the 20% darker color. If you saturate the color by 10%, you get **003660**, and if you desaturate by 10%, it is **0A3A60**.

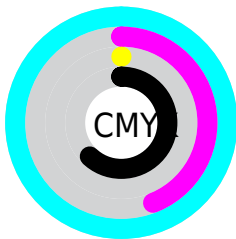
Distribution



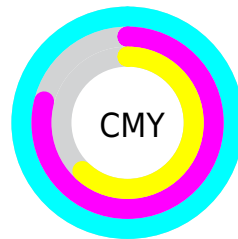
- Red (0%)
- Green (21%)
- Blue (38%)



- Red (0%)
- Yellow (14%)
- Blue (38%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (79%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003660 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 003660 by changing the saturation by 10% instead.

003660

003660

FFFFFF

002148

426493

000931

5D7DAE

00011C

7797C9

000000

93B2E5

AECDFF

CBE9FF

E7FFFF

003660

■ 0A3A60

■ 133E60

■ 1D4360

■ 264760

■ 304B60

■ 3A4F60

■ 435360

■ 4D5860

■ 565C60

Harmonies

Analogous

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



003C5B



003660



392D59

Triad

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



003660



5A241D



003D20

Complementary

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



003660



602A00

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.



273A0D



003660



4F2C0C

Square

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



003660



5B2033



3D3403



003F37

Rectangle

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



003660



4A274E



3D3403



123D19

Sweetspot

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



003660



576D7D



00602A



293640



BFBFBF



404040

Same Dimension

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



003660



00467D



000660



2C2E30



003F70



0087F0

Inverse Universe

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



600036



7D0046



605A00



302C2E



70003F



F00087

Previews

White Background



This preview shows how the Hex color 003660 looks on a white background.

Color Contrast Check

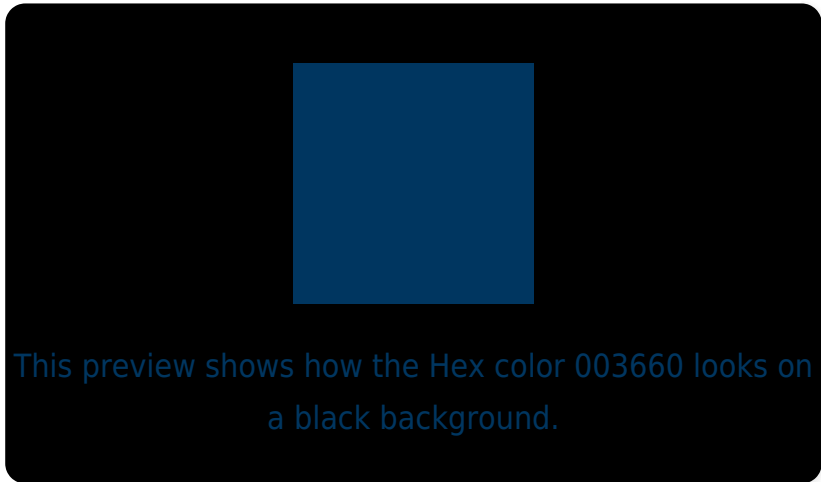
Large Text (above 18pt) WCAG AA ✓ Pass

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

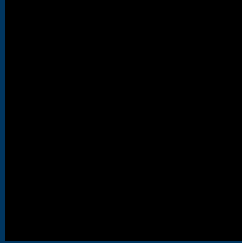
Any Text WCAG AA × Fail

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 003660 Background



This preview shows how black text looks on a background with the Hex color 003660.



This preview shows how white text looks on a background with the Hex color 003660.

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
003660

Protanopia
22345E

Deuteranopia
003660



Tritanopia
003B3F

Trichromacy



Original Color

003660

Protanomaly

16355F

Deuteranomaly

003660

Tritanomaly

00394B

Monochromacy



Original Color

003660

Achromatopsia

2B2B2B

Achromatomaly

1B2F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 003660 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 #003660 looks like.

```
.text, #text, p{  
    color:#003660  
}
```

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 #003660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003660
}
```

Border

The CSS property to change the border of an element to Hex 003660 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
#003660 }
```

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

```
.border{ border-color:#003660 }
```

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

Here you see how a box with a 4 pixel #003660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003660; -webkit-box-shadow:4px 4px  
4px 4px #003660; box-shadow:4px 4px 4px  
4px #003660 }
```

Background

The CSS property to change the background color of an element to Hex 003660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003660 }
```

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

```
.background{ background-color:#003660 }
```

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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