

Converting Colors

Hex(003360)

Have a look what the booklet for
Hex(003360) contains.

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Color

Hex(003360)

Conversions

Conversions Part 1

Format	Color
Hex	003360
RGB	0, 51, 96
RGB Percent	0%, 20%, 38%
CMY	1.0000, 0.8000, 0.6235
CMYK	1.00, 0.47, 0.00, 0.62
HSL	208°, 100%, 19%
HSV	208°, 100%, 38%
XYZ	3.2951, 3.2122, 11.5127
YIQ	40.8810, -44.8410, 3.1830

Conversions

Conversions Part 2

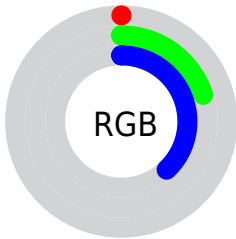
Format	Color
RYB	0, 33, 96
Decimal	13152
CIELab	20.87, 4.09, -31.00
CIELCh	21, 31.266, 277.524
Yxy	3.2122, 0.1829, 0.1783
Android (android.graphics.Color)	4278203232 (0xFF003360)
YUV	40.8810, 27.1737, -35.8526
Hunter-Lab	17.9226, 1.4536, -25.5395

Details

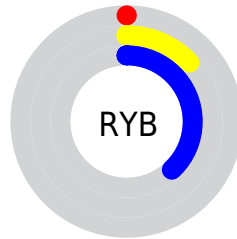
The Hex color **003360** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **602D00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **426193**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **003360**, and if you desaturate by 10%, it is **0A3860**.

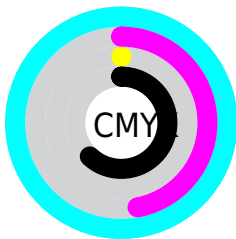
Distribution



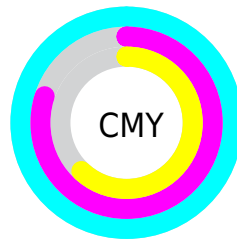
- Red (0%)
- Green (20%)
- Blue (38%)



- Red (0%)
- Yellow (13%)
- Blue (38%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (80%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003360 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 003360 by changing the saturation by 10% instead.

■ 003360

■ 003360

FFFFFF

■ 001E48

■ 426193

■ 000431

■ 5D7AAE

■ 00011C

■ 7793C9

■ 000000

■ 93AEE5

■ AEC9FF

■ CBE5FF

■ E7FFFF

■ 003360

■ 0A3860

■ 133C60

■ 1D4160

■ 264560

■ 304A60

■ 3A4E60

■ 435360

■ 4D5760

■ 565C60

Harmonies

Analogous

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



00395D



003360



3A2957

Triad

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



003360



582117



003C20

Complementary

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



003360



602D00

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.



203909



003360



4B2B03

Square

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



003360



5B1B2D



393300



003D38

Rectangle

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



003360



4C224B



393300



043B18

Sweetspot

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



003360



576B7D



00602D



293540



BFBFBF



404040

Same Dimension

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



003360



00427D



000360



2C2E30



003C70



007FF0

Inverse Universe

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



600033



7D0042



605D00



302C2E



70003C



F0007F

Previews

White Background



This preview shows how the Hex color 003360 looks on a white background.

Color Contrast Check

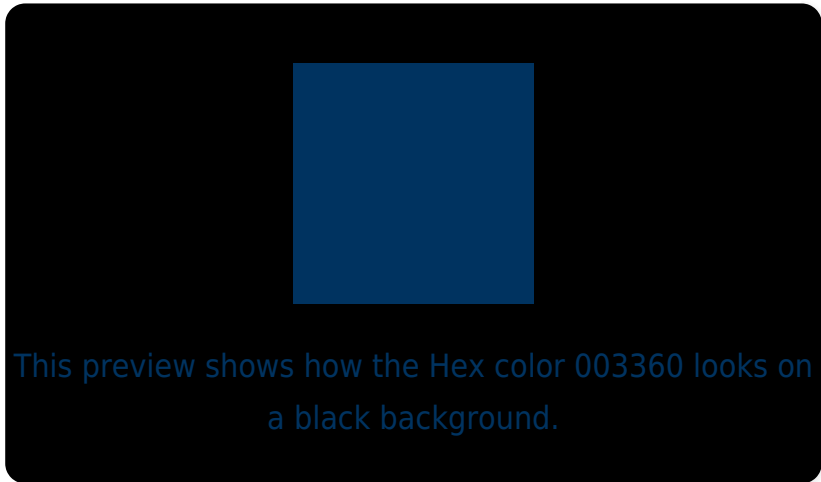
Large Text (above 18pt) WCAG AA ✓ Pass

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

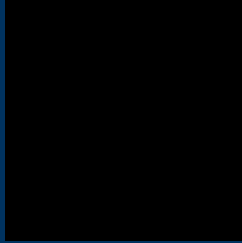
Any Text WCAG AA × Fail

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 003360 Background



This preview shows how black text looks on a background with the Hex color 003360.



This preview shows how white text looks on a background with the Hex color 003360.

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



Trichromacy



Original Color
003360

Protanomaly
12325F

Deuteranomaly
00345D

Monochromacy



Original Color
003360

Achromatopsia
292929

Achromatomaly
1A2D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003360 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 #003360 looks like.

```
.text, #text, p{  
    color:#003360  
}
```

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 #003360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003360
}
```

Border

The CSS property to change the border of an element to Hex 003360 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
#003360 }
```

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

```
.border{ border-color:#003360 }
```

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

Here you see how a box with a 4 pixel #003360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003360; -webkit-box-shadow:4px 4px  
4px 4px #003360; box-shadow:4px 4px 4px  
4px #003360 }
```

Background

The CSS property to change the background color of an element to Hex 003360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003360 }
```

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

```
.background{ background-color:#003360 }
```

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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