

Converting Colors

Hex(003573)

Have a look what the booklet for
Hex(003573) contains.

Hex(003573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003573)

Conversions

Conversions Part 1

Format	Color
Hex	003573
RGB	0, 53, 115
RGB Percent	0%, 21%, 45%
CMY	1.0000, 0.7922, 0.5490
CMYK	1.00, 0.54, 0.00, 0.55
HSL	212°, 100%, 23%
HSV	212°, 100%, 45%
XYZ	4.3676, 3.7840, 16.7198
YIQ	44.2210, -51.4900, 8.0460

Conversions

Conversions Part 2

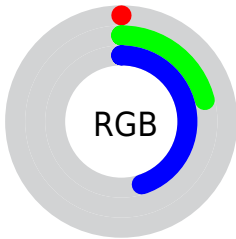
Format	Color
RYB	0, 36, 115
Decimal	13683
CIELab	22.94, 11.23, -39.95
CIELCh	23, 41.502, 285.696
Yxy	3.7840, 0.1756, 0.1521
Android (android.graphics.Color)	4278203763 (0xFF003573)
YUV	44.2210, 34.8940, -38.7818
Hunter-Lab	19.4525, 6.0361, -37.3442

Details

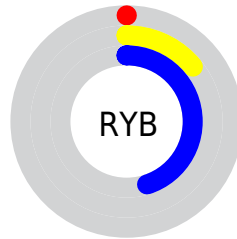
The Hex color **003573** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **733E00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4963A8**, and **000942** is the 20% darker color. If you saturate the color by 10%, you get **003573**, and if you desaturate by 10%, it is **0B3B73**.

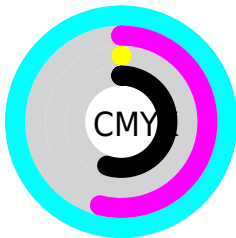
Distribution



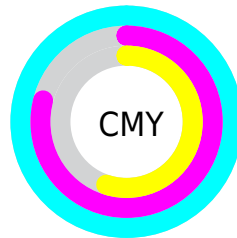
- Red (0%)
- Green (21%)
- Blue (45%)



- Red (0%)
- Yellow (14%)
- Blue (45%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (79%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003573 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 003573 by changing the saturation by 10% instead.

■ 003573

■ 003573

FFFFFF

■ 00205A

■ 4963A8

■ 000942

■ 647CC3

■ 00032B

■ 8095DF

■ 000116

■ 9CB0FC

■ 000000

■ B8CBFF

■ D5E7FF

■ F2FFFF

■ 003573

■ 0B3B73

■ 174173

■ 234873

■ 2E4E73

■ 3A5473

■ 455A73

■ 516073

■ 5C6773

■ 686D73

Harmonies

Analogous

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



003F73



003573



4C2662

Triad

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



003573



642109



004326

Complementary

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



003573



733E00

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.



0A4004



003573



503000

Square

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



003573



6C1228



363A00



004447

Rectangle

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



003573



601A51



363A00



00431B

Sweetspot

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



003573



697E96



00733D



313E4D



CCCCCC



4D4D4D

Same Dimension

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



003573



004596



040073



35373B



00387A



0073FA

Inverse Universe

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



730035



960045



6F7300



3B3537



7A0038



FA0073

Previews

White Background



This preview shows how the Hex color 003573 looks on a white background.

Color Contrast Check

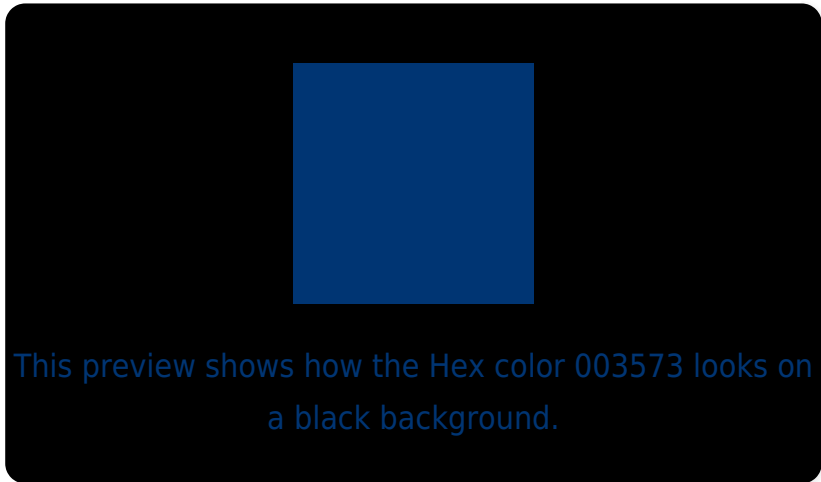
Large Text (above 18pt) WCAG AA ✓ Pass

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

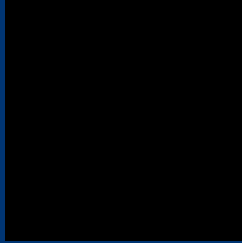
Any Text WCAG AA × Fail

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 003573 Background



This preview shows how black text looks on a background with the Hex color 003573.



This preview shows how white text looks on a background with the Hex color 003573.

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
003573

Protanopia
003572

Deuteranopia
003962



Tritanopia
003E41

Trichromacy



Original Color
003573

Protanomaly
003572

Deuteranomaly
003868

Tritanomaly
003B53

Monochromacy



Original Color
003573

Achromatopsia
2C2C2C

Achromatomaly
1C2F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 003573 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 #003573 looks like.

```
.text, #text, p{  
    color:#003573  
}
```

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 #003573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003573
}
```

Border

The CSS property to change the border of an element to Hex 003573 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
#003573 }
```

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

```
.border{ border-color:#003573 }
```

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

Here you see how a box with a 4 pixel #003573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003573; -webkit-box-shadow:4px 4px  
4px 4px #003573; box-shadow:4px 4px 4px  
4px #003573 }
```

Background

The CSS property to change the background color of an element to Hex 003573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003573 }
```

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

```
.background{ background-color:#003573 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor