

Converting Colors

Hex(003475)

Have a look what the booklet for
Hex(003475) contains.

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Color

Hex(003475)

Conversions

Conversions Part 1

Format	Color
Hex	003475
RGB	0, 52, 117
RGB Percent	0%, 20%, 46%
CMY	1.0000, 0.7961, 0.5412
CMYK	1.00, 0.56, 0.00, 0.54
HSL	213°, 100%, 23%
HSV	213°, 100%, 46%
XYZ	4.4389, 3.7403, 17.3176
YIQ	43.8620, -51.8570, 9.1910

Conversions

Conversions Part 2

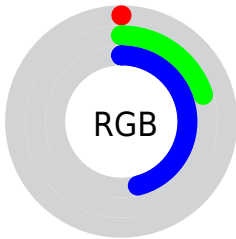
Format	Color
RYB	0, 36, 117
Decimal	13429
CIELab	22.79, 12.84, -41.48
CIELCh	23, 43.419, 287.208
Yxy	3.7403, 0.1741, 0.1467
Android (android.graphics.Color)	4278203509 (0xFF003475)
YUV	43.8620, 36.0570, -38.4670
Hunter-Lab	19.3400, 7.1241, -39.5522

Details

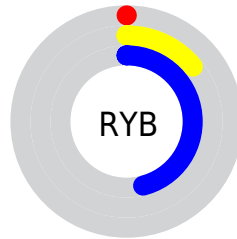
The Hex color **003475** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **754100**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4962AA**, and **000744** is the 20% darker color. If you saturate the color by 10%, you get **003475**, and if you desaturate by 10%, it is **0C3B75**.

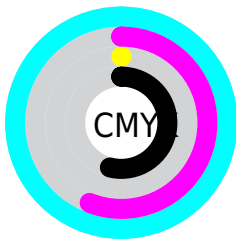
Distribution



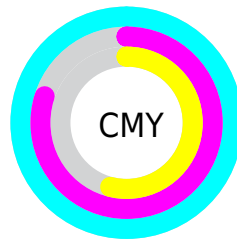
- Red (0%)
- Green (20%)
- Blue (46%)



- Red (0%)
- Yellow (14%)
- Blue (46%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003475 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 003475 by changing the saturation by 10% instead.

■ 003475

■ 003475

FFFFFF

■ 001F5C

■ 4962AA

■ 000744

■ 657AC5

■ 00032D

■ 8194E2

■ 000117

■ 9DAFFE

■ 000000

■ B9CAFF

■ D6E6FF

■ F3FFFF

■ 003475

■ 0C3B75

■ 174175

■ 234875

■ 2F4E75

■ 3B5575

■ 465B75

■ 526275

■ 5E6875

■ 696E75

Harmonies

Analogous

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



003E76



003475



4E2363

Triad

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



003475



642004



004327

Complementary

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



003475



754100

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.



014102



003475



4F3000

Square

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



003475



6E0D25



333B00



004449

Rectangle

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



003475



621650



333B00



00431C

Sweetspot

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



003475



6B8099



007540



313D4D



CCCCCC



4D4D4D

Same Dimension

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



003475



004499



060075



35373B



00367A



006FFA

Inverse Universe

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



750034



990044



6F7500



3B3537



7A0036



FA006F

Previews

White Background



This preview shows how the Hex color 003475 looks on a white background.

Color Contrast Check

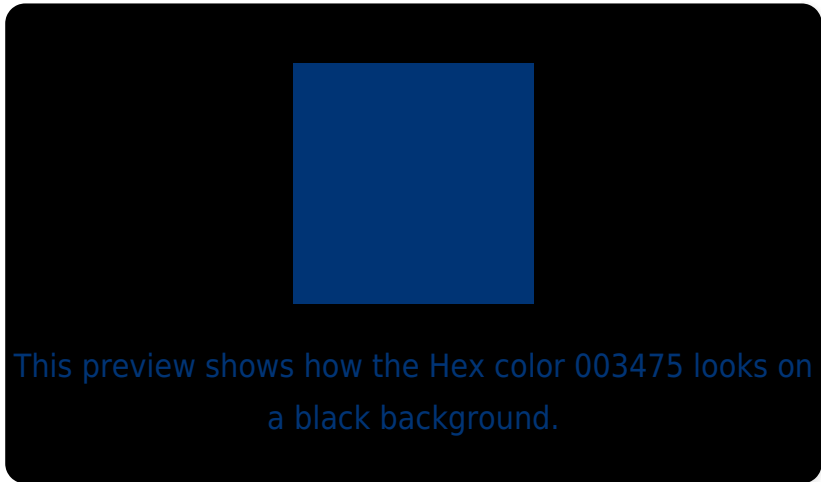
Large Text (above 18pt) WCAG AA ✓ Pass

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 003475 Background



This preview shows how black text looks on a background with the Hex color 003475.



This preview shows how white text looks on a background with the Hex color 003475.

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
003475

Protanopia
003571

Deuteranopia
003961



Tritanopia
003D41

Trichromacy



Original Color
003475

Protanomaly
003572

Deuteranomaly
003768

Tritanomaly
003A54

Monochromacy



Original Color
003475

Achromatopsia
2C2C2C

Achromatomaly
1C2F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 003475 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 #003475 looks like.

```
.text, #text, p{  
    color:#003475  
}
```

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 #003475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003475
}
```

Border

The CSS property to change the border of an element to Hex 003475 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
#003475 }
```

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

```
.border{ border-color:#003475 }
```

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

Here you see how a box with a 4 pixel #003475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003475; -webkit-box-shadow:4px 4px  
4px 4px #003475; box-shadow:4px 4px 4px  
4px #003475 }
```

Background

The CSS property to change the background color of an element to Hex 003475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003475 }
```

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

```
.background{ background-color:#003475 }
```

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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