

Converting Colors

Hex(003075)

Have a look what the booklet for
Hex(003075) contains.

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Color

Hex(003075)

Conversions

Conversions Part 1

Format	Color
Hex	003075
RGB	0, 48, 117
RGB Percent	0%, 19%, 46%
CMY	1.0000, 0.8118, 0.5412
CMYK	1.00, 0.59, 0.00, 0.54
HSL	215°, 100%, 23%
HSV	215°, 100%, 46%
XYZ	4.2678, 3.3983, 17.2606
YIQ	41.5140, -50.7570, 11.2830

Conversions

Conversions Part 2

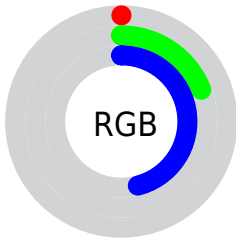
Format	Color
RYB	0, 34, 117
Decimal	12405
CIELab	21.57, 15.76, -43.46
CIELCh	22, 46.231, 289.936
Yxy	3.3983, 0.1712, 0.1363
Android (android.graphics.Color)	4278202485 (0xFF003075)
YUV	41.5140, 37.2146, -36.4078
Hunter-Lab	18.4344, 9.0653, -42.6108

Details

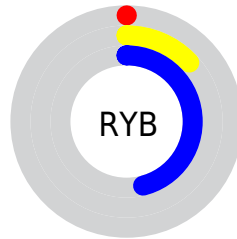
The Hex color **003075** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **754500**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4A5DAA**, and **000144** is the 20% darker color. If you saturate the color by 10%, you get **003075**, and if you desaturate by 10%, it is **0C3775**.

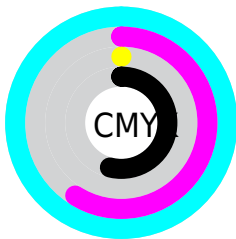
Distribution



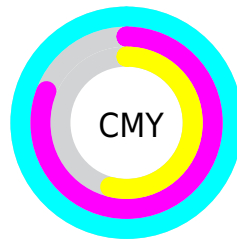
- Red (0%)
- Green (19%)
- Blue (46%)



- Red (0%)
- Yellow (13%)
- Blue (46%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003075 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 003075 by changing the saturation by 10% instead.

■ 003075

■ 003075

FFFFFF

■ 001C5C

■ 4A5DAA

■ 000144

■ 6676C5

■ 00032D

■ 818FE2

■ 000117

■ 9DAAFF

■ 000000

■ BAC5FF

■ D6E1FF

■ F4FDFF

■ 003075

■ 0C3775

■ 173E75

■ 234575

■ 2F4C75

■ 3B5375

■ 465975

■ 526075

■ 5E6775

■ 696E75

Harmonies

Analogous

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



003C78



003075



501C60

Triad

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



003075



611C00



004127

Complementary

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



003075



754500

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.



003F00



003075



4A2E00

Square

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



003075



6D021F



2C3900



00424A

Rectangle

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



003075



630A4C



2C3900



00411A

Sweetspot

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



003075



6B7E99



007544



313C4D



CCCCCC



4D4D4D

Same Dimension

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



003075



003F99



0A0075



35373B



00327A



0067FA

Inverse Universe

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



750030



99003F



6B7500



3B3537



7A0032



FA0067

Previews

White Background



This preview shows how the Hex color 003075 looks on a white background.

Color Contrast Check

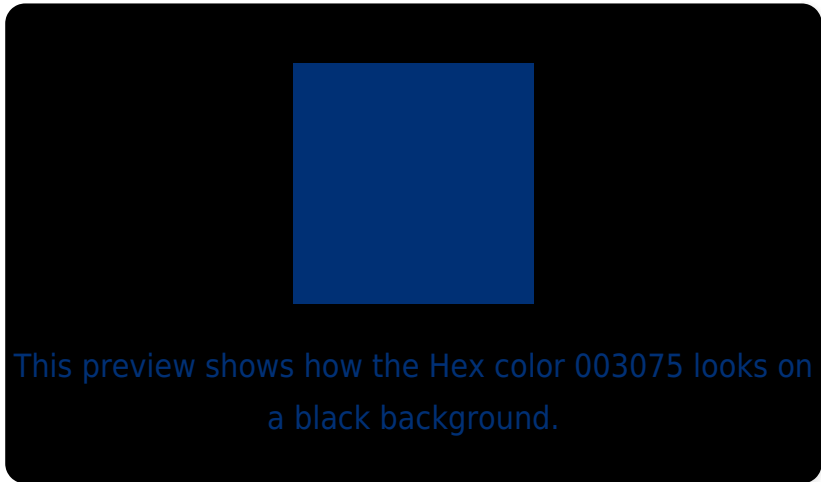
Large Text (above 18pt) WCAG AA ✓ Pass

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

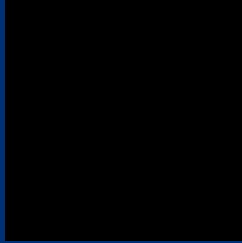
Any Text WCAG AA × Fail

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 003075 Background



This preview shows how black text looks on a background with the Hex color 003075.



This preview shows how white text looks on a background with the Hex color 003075.

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
003075

Protanopia
00336B

Deuteranopia
00365C



Tritanopia
003A3E

Trichromacy



Original Color
003075

Protanomaly
00326F

Deuteranomaly
003465

Tritanomaly
003652

Monochromacy



Original Color
003075

Achromatopsia
2A2A2A

Achromatomaly
1B2C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 003075 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 #003075 looks like.

```
.text, #text, p{  
    color:#003075  
}
```

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 #003075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003075
}
```

Border

The CSS property to change the border of an element to Hex 003075 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
#003075 }
```

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

```
.border{ border-color:#003075 }
```

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

Here you see how a box with a 4 pixel #003075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003075; -webkit-box-shadow:4px 4px  
4px 4px #003075; box-shadow:4px 4px 4px  
4px #003075 }
```

Background

The CSS property to change the background color of an element to Hex 003075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003075 }
```

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

```
.background{ background-color:#003075 }
```

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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