

Converting Colors

Hex(003989)

Have a look what the booklet for
Hex(003989) contains.

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Color

Hex(003989)

Conversions

Conversions Part 1

Format	Color
Hex	003989
RGB	0, 57, 137
RGB Percent	0%, 22%, 54%
CMY	1.0000, 0.7765, 0.4627
CMYK	1.00, 0.58, 0.00, 0.46
HSL	215°, 100%, 27%
HSV	215°, 100%, 54%
XYZ	5.9785, 4.7324, 24.2653
YIQ	49.0770, -59.6520, 12.7960

Conversions

Conversions Part 2

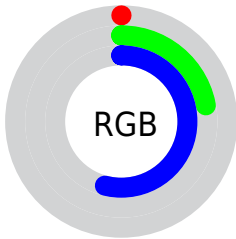
Format	Color
RYB	0, 40, 137
Decimal	14729
CIELab	25.96, 17.99, -48.91
CIELCh	26, 52.119, 290.196
Yxy	4.7324, 0.1709, 0.1353
Android (android.graphics.Color)	4278204809 (0xFF003989)
YUV	49.0770, 43.3460, -43.0405
Hunter-Lab	21.7541, 10.9860, -50.9063

Details

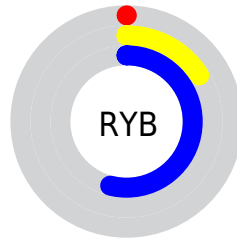
The Hex color **003989** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **895000**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5067BF**, and **001156** is the 20% darker color. If you saturate the color by 10%, you get **003989**, and if you desaturate by 10%, it is **0E4189**.

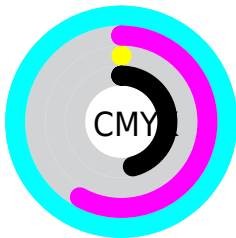
Distribution



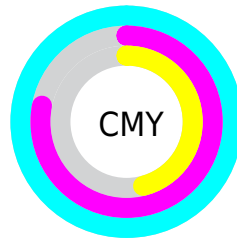
- Red (0%)
- Green (22%)
- Blue (54%)



- Red (0%)
- Yellow (16%)
- Blue (54%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003989 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 003989 by changing the saturation by 10% instead.

■ 003989

■ 003989

FFFFFF

■ 00246F

■ 5067BF

■ 001156

■ 6D80DB

■ 00063E

■ 899AF8

■ 000327

■ A6B5FF

■ 000111

■ C3D0FF

■ 000000

■ E0ECFF

FEFFFF

■ 003989

■ 0E4189

■ 1B4989

■ 295189

■ 375989

■ 456189

■ 526989

■ 607189

■ 6E7989

■ 7B8189

Harmonies

Analogous

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



00468D



003989



5E2271

Triad

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



003989



722300



004D2F

Complementary

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



003989



895000

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.



004A00



003989



573700

Square

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



003989



800125



334300



004E58

Rectangle

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



003989



750B59



334300



004C21

Sweetspot

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



003989



7D93B3



008950



394659



D9D9D9



595959

Same Dimension

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



003989



004AB3



0B0089



3E4145



003785



000205

Inverse Universe

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



890039



B3004A



7E8900



453E41



850037



050002

Previews

White Background



This preview shows how the Hex color 003989 looks on a white background.

Color Contrast Check

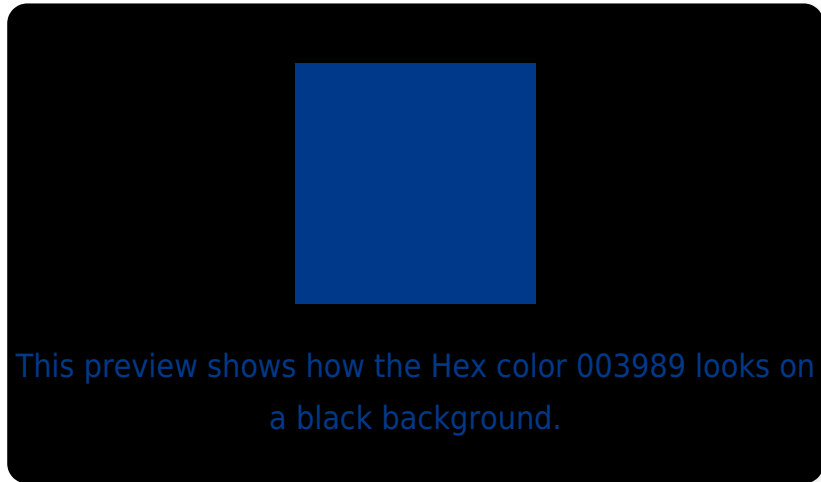
Large Text (above 18pt) WCAG AA ✓ Pass

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

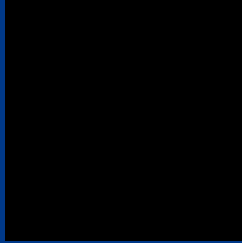
Any Text WCAG AA × Fail

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 003989 Background



This preview shows how black text looks on a background with the Hex color 003989.



This preview shows how white text looks on a background with the Hex color 003989.

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

003989

Protanopia

003C7F

Deuteranopia

00406D

Trichromacy



Original Color
003989

Protanomaly
003B83

Deuteranomaly
003D77

Tritanomaly
004160

Monochromacy



Original Color
003989

Achromatopsia
313131

Achromatomaly
1F3451

CSS Examples

Text

The CSS property to change the color of the text to Hex 003989 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 #003989 looks like.

```
.text, #text, p{  
    color:#003989  
}
```

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 #003989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003989
}
```

Border

The CSS property to change the border of an element to Hex 003989 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
#003989 }
```

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

```
.border{ border-color:#003989 }
```

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

Here you see how a box with a 4 pixel #003989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003989; -webkit-box-shadow:4px 4px  
4px 4px #003989; box-shadow:4px 4px 4px  
4px #003989 }
```

Background

The CSS property to change the background color of an element to Hex 003989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003989 }
```

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

```
.background{ background-color:#003989 }
```

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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