

Converting Colors

Hex(003897)

Have a look what the booklet for
Hex(003897) contains.

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Color

Hex(003897)

Conversions

Conversions Part 1

Format	Color
Hex	003897
RGB	0, 56, 151
RGB Percent	0%, 22%, 59%
CMY	1.0000, 0.7804, 0.4078
CMYK	1.00, 0.63, 0.00, 0.41
HSL	218°, 100%, 30%
HSV	218°, 100%, 59%
XYZ	7.0001, 5.0627, 29.8864
YIQ	50.0860, -63.8710, 17.6730

Conversions

Conversions Part 2

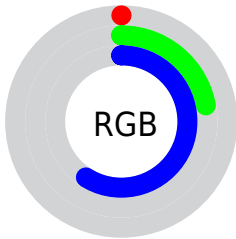
Format	Color
RYB	0, 41, 151
Decimal	14487
CIELab	26.91, 24.62, -55.99
CIELCh	27, 61.162, 293.732
Yxy	5.0627, 0.1669, 0.1207
Android (android.graphics.Color)	4278204567 (0xFF003897)
YUV	50.0860, 49.7506, -43.9254
Hunter-Lab	22.5005, 16.1570, -63.0020

Details

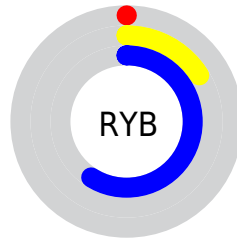
The Hex color **003897** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **975F00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5566CE**, and **001163** is the 20% darker color. If you saturate the color by 10%, you get **003897**, and if you desaturate by 10%, it is **0F4297**.

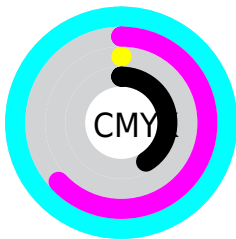
Distribution



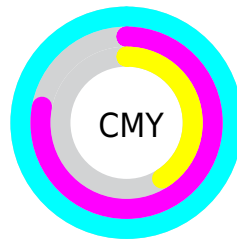
- Red (0%)
- Green (22%)
- Blue (59%)



- Red (0%)
- Yellow (16%)
- Blue (59%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (78%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003897 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 003897 by changing the saturation by 10% instead.

■ 003897

■ 003897

FFFFFF

■ 00237D

■ 5566CE

■ 001163

■ 737FEB

■ 00004A

■ 9099FF

■ 000433

■ ADB4FF

■ 00021D

■ CACFFF

■ 000000

■ E8EBFF

■ 003897

■ 0F4297

■ 1E4B97

■ 2D5597

■ 3C5E97

■ 4C6897

■ 5B7197

■ 6A7B97

■ 798497

■ 888E97

Harmonies

Analogous

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



00499F



003897



6B1678

Triad

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



003897



782100



005134

Complementary

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



003897



975F00

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.



004E00



003897



573B00

Square

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



003897



8B001E



2B4800



005264

Rectangle

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



003897



83005B



2B4800



005023

Sweetspot

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



003897



899FC4



00975D



404D63



E3E3E3



636363

Same Dimension

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



003897



0049C4



120097



45484D



00348C



00050D

Inverse Universe

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



970038



C40049



859700



4D4548



8C0034



0D0005

Previews

White Background



This preview shows how the Hex color 003897 looks on a white background.

Color Contrast Check

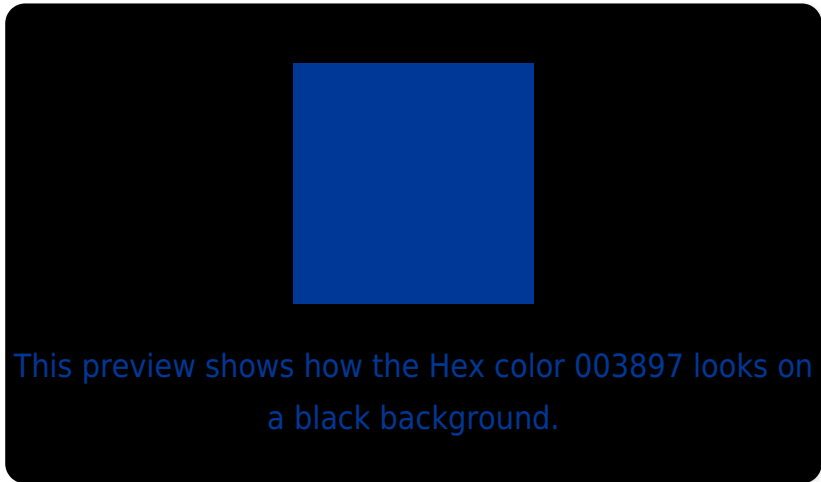
Large Text (above 18pt) WCAG AA ✓ Pass

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

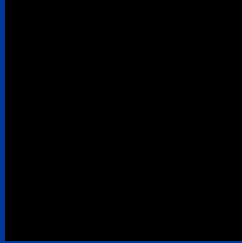
Any Text WCAG AA × Fail

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 003897 Background



This preview shows how black text looks on a background with the Hex color 003897.



This preview shows how white text looks on a background with the Hex color 003897.

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
003897

Protanopia
003E83

Deuteranopia
004270



Tritanopia
00474B

Trichromacy



Original Color
003897

Protanomaly
003C8A

Deuteranomaly
003E7E

Tritanomaly
004267

Monochromacy



Original Color
003897

Achromatopsia
323232

Achromatomaly
203457

CSS Examples

Text

The CSS property to change the color of the text to Hex 003897 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 #003897 looks like.

```
.text, #text, p{  
    color:#003897  
}
```

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 #003897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003897
}
```

Border

The CSS property to change the border of an element to Hex 003897 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".

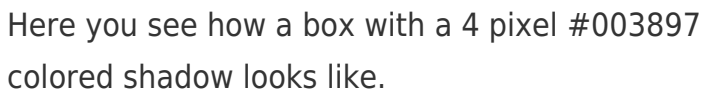
```
.border, #border, table{ border:4px solid
#003897 }
```

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

```
.border{ border-color:#003897 }
```

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

Here you see how a box with a 4 pixel #003897 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003897; -webkit-box-shadow:4px 4px  
4px 4px #003897; box-shadow:4px 4px 4px  
4px #003897 }
```

Background

The CSS property to change the background color of an element to Hex 003897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003897 }
```

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

```
.background{ background-color:#003897 }
```

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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