

Converting Colors

Hex(006399)

Have a look what the booklet for
Hex(006399) contains.

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Color

Hex(006399)

Conversions

Conversions Part 1

Format	Color
Hex	006399
RGB	0, 99, 153
RGB Percent	0%, 39%, 60%
CMY	1.0000, 0.6118, 0.4000
CMYK	1.00, 0.35, 0.00, 0.40
HSL	201°, 100%, 30%
HSV	201°, 100%, 60%
XYZ	10.2116, 11.2236, 31.7652
YIQ	75.5550, -76.3380, -4.1940

Conversions

Conversions Part 2

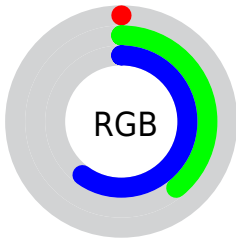
Format	Color
RYB	0, 60, 153
Decimal	25497
CIELab	39.95, -3.49, -36.17
CIELCh	40, 36.340, 264.493
Yxy	11.2236, 0.1919, 0.2110
Android (android.graphics.Color)	4278215577 (0xFF006399)
YUV	75.5550, 38.1804, -66.2617
Hunter-Lab	33.5016, -4.2194, -32.7657

Details

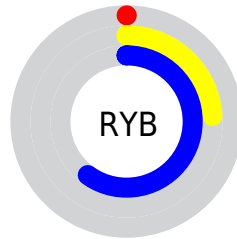
The Hex color **006399** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **993600**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5495D0**, and **003565** is the 20% darker color. If you saturate the color by 10%, you get **006399**, and if you desaturate by 10%, it is **0F6899**.

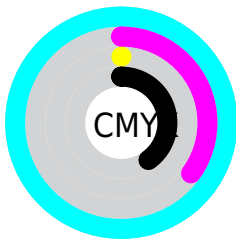
Distribution



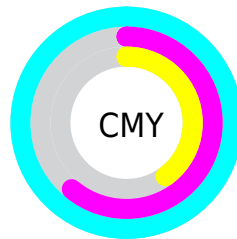
- Red (0%)
- Green (39%)
- Blue (60%)



- Red (0%)
- Yellow (24%)
- Blue (60%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006399 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 006399 by changing the saturation by 10% instead.

 006399

 006399

FFFFFF

 004B7F

 5495D0

 003565

 72B0EC

 00204D

 8FCBFF

 000536

 ACE7FF

 000220

 C9FFFF

 000004

 E7FFFF

 000000

 006399

 0F6899

■ 1F6E99

■ 2E7399

■ 3D7999

■ 4D7E99

■ 5C8399

■ 6B8999

■ 7A8E99

■ 8A9499

Harmonies

Analogous

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



006A8E



006399



575994

Triad

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



006399



954647



326A3A

Complementary

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



006399



993600

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.



576425



006399



89502E

Square

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



006399



924565



745B21



006D57

Rectangle

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



006399



735089



745B21



406832

Sweetspot

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



006399



8BB2C7



009936



405763



E3E3E3



636363

Same Dimension

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



006399



0081C7



001799



454A4D



005B8C



00080D

Inverse Universe

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



990063



C70081



998200



4D454A



8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 006399 looks on a white background.

Color Contrast Check

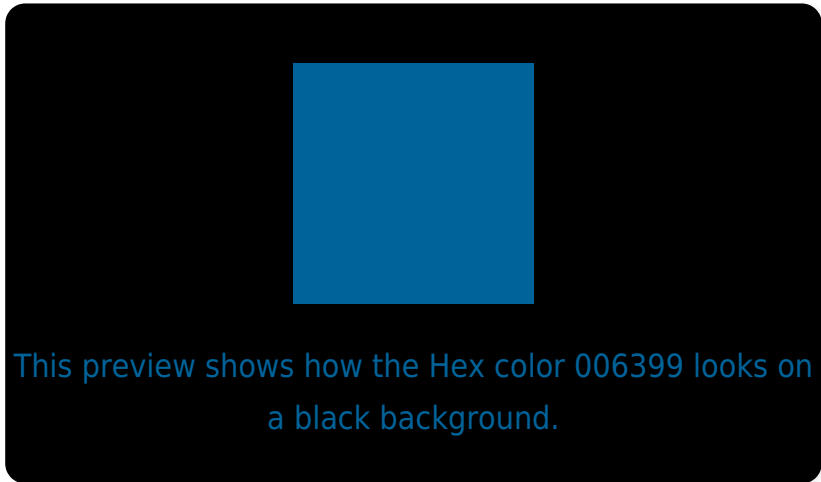
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

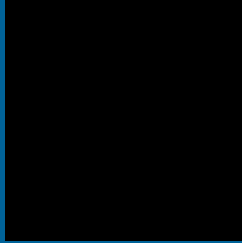
Any Text WCAG AA × Fail

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 006399 Background



This preview shows how black text looks on a background with the Hex color 006399.



This preview shows how white text looks on a background with the Hex color 006399.

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





Trichromacy



Original Color
006399

Protanomaly
2F5F95

Deuteranomaly
24609A

Tritanomaly
00677F

Monochromacy



Original Color
006399

Achromatopsia
4C4C4C

Achromatomaly
305468

CSS Examples

Text

The CSS property to change the color of the text to Hex 006399 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 #006399 looks like.

```
.text, #text, p{  
    color:#006399  
}
```

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 #006399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006399
}
```

Border

The CSS property to change the border of an element to Hex 006399 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
#006399 }
```

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

```
.border{ border-color:#006399 }
```

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

Here you see how a box with a 4 pixel #006399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006399; -webkit-box-shadow:4px 4px  
4px 4px #006399; box-shadow:4px 4px 4px  
4px #006399 }
```

Background

The CSS property to change the background color of an element to Hex 006399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006399 }
```

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

```
.background{ background-color:#006399 }
```

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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