

Converting Colors

Hex(006699)

Have a look what the booklet for
Hex(006699) contains.

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Color

Hex(006699)

Conversions

Conversions Part 1

Format	Color
Hex	006699
RGB	0, 102, 153
RGB Percent	0%, 40%, 60%
CMY	1.0000, 0.6000, 0.4000
CMYK	1.00, 0.33, 0.00, 0.40
HSL	200°, 100%, 30%
HSV	200°, 100%, 60%
XYZ	10.5011, 11.8027, 31.8617
YIQ	77.3160, -77.1630, -5.7630

Conversions

Conversions Part 2

Format	Color
RYB	0, 61, 153
Decimal	26265
CIELab	40.90, -5.34, -34.68
CIELCh	41, 35.084, 261.245
Yxy	11.8027, 0.1939, 0.2179
Android (android.graphics.Color)	4278216345 (0xFF006699)
YUV	77.3160, 37.3122, -67.8061
Hunter-Lab	34.3550, -5.5599, -30.9385

Details

The Hex color **006699** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **993300**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5499D0**, and **003866** is the 20% darker color. If you saturate the color by 10%, you get **006699**, and if you desaturate by 10%, it is **0F6B99**.

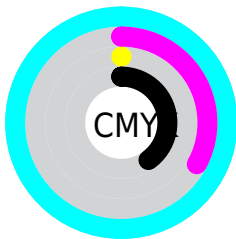
Distribution



- Red (0%)
- Green (40%)
- Blue (60%)



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



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006699 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 006699 by changing the saturation by 10% instead.

 006699

 006699

FFFFFF

 004E7F

 5499D0

 003866

 72B3EC

 00234D

 8FCFFF

 000B36

 ACEBFF

 000220

 C9FFFF

 000004

 E7FFFF

 000000

 006699

 0F6B99

■ 1F7099

■ 2E7599

■ 3D7A99

■ 4D8099

■ 5C8599

■ 6B8A99

■ 7A8F99

■ 8A9499

Harmonies

Analogous

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



006C8D



006699



545C96

Triad

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



006699



96494D



3B6B3B

Complementary

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



006699



993300

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.



5D6528



006699



8D5134

Square

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



006699



91496A



785C26



006E57

Rectangle

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



006699



71558C



785C26



476A33

Sweetspot

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



006699



8BB3C7



009933



405863



E3E3E3



636363

Same Dimension

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



006699



0085C7



001C99



454A4D



005E8C



00090D

Inverse Universe

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



990066



C70085



998000



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 006699 looks on a white background.

Color Contrast Check

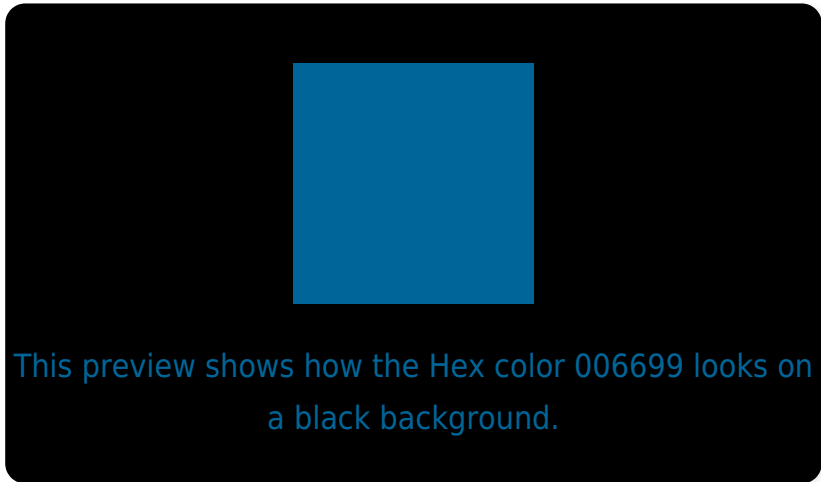
Large Text (above 18pt) WCAG AA ✓ Pass

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

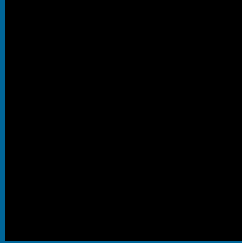
Any Text WCAG AA × Fail

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 006699 Background



This preview shows how black text looks on a background with the Hex color 006699.



This preview shows how white text looks on a background with the Hex color 006699.

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





Tritanopia
006B73

Trichromacy



Original Color
006699

Protanomaly
326295

Deuteranomaly
28639A

Tritanomaly
006981

Monochromacy



Original Color
006699

Achromatopsia
4D4D4D

Achromatomaly
315669

CSS Examples

Text

The CSS property to change the color of the text to Hex 006699 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 #006699 looks like.

```
.text, #text, p{  
    color:#006699  
}
```

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 #006699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006699
}
```

Border

The CSS property to change the border of an element to Hex 006699 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
#006699 }
```

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

```
.border{ border-color:#006699 }
```

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

Here you see how a box with a 4 pixel #006699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006699; -webkit-box-shadow:4px 4px  
4px 4px #006699; box-shadow:4px 4px 4px  
4px #006699 }
```

Background

The CSS property to change the background color of an element to Hex 006699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006699 }
```

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

```
.background{ background-color:#006699 }
```

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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