

Converting Colors

Hex(006793)

Have a look what the booklet for
Hex(006793) contains.

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Color

Hex(006793)

Conversions

Conversions Part 1

Format	Color
Hex	006793
RGB	0, 103, 147
RGB Percent	0%, 40%, 58%
CMY	1.0000, 0.5961, 0.4235
CMYK	1.00, 0.30, 0.00, 0.42
HSL	198°, 100%, 29%
HSV	198°, 100%, 58%
XYZ	10.1167, 11.8071, 29.3495
YIQ	77.2190, -75.5120, -8.1520

Conversions

Conversions Part 2

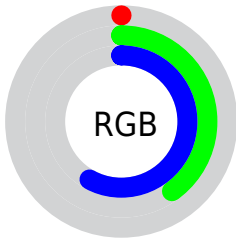
Format	Color
RYB	0, 61, 147
Decimal	26515
CIELab	40.91, -8.34, -31.08
CIELCh	41, 32.176, 254.986
Yxy	11.8071, 0.1973, 0.2303
Android (android.graphics.Color)	4278216595 (0xFF006793)
YUV	77.2190, 34.4020, -67.7211
Hunter-Lab	34.3614, -7.5785, -26.5891

Details

The Hex color **006793** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **932C00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **539AC9**, and **003860** is the 20% darker color. If you saturate the color by 10%, you get **006793**, and if you desaturate by 10%, it is **0F6B93**.

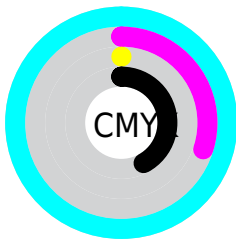
Distribution



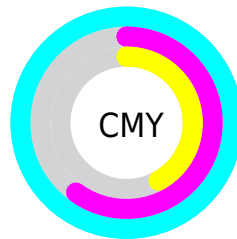
- Red (0%)
- Green (40%)
- Blue (58%)



- Red (0%)
- Yellow (24%)
- Blue (58%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006793 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 006793 by changing the saturation by 10% instead.

006793

006793

FFFFFF

004F79

539AC9

003860

70B5E5

002348

8DD0FF

000A31

AAECFF

00011C

C7FFFF

000000

E5FFFF

006793

0F6B93

 1D7093

 2C7493

 3B7993

 4A7D93

 588193

 678693

 768A93

 848F93

Harmonies

Analogous

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



006C85



006793



4D5F93

Triad

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



006793



924B54



466A3A

Complementary

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



006793



932C00

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.



63632C



006793



8C513C

Square

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



006793



8B4C6F



7C5A2D



1C6D52

Rectangle

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



006793



68588C



7C5A2D



506834

Sweetspot

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



006793



86AEBF



00932A



3E5661



E0E0E0



616161

Same Dimension

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



006793



0086BF



002093



43484A



00608A



00070A

Inverse Universe

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



930067



BF0086



937300



4A4348



8A0060



0A0007

Previews

White Background



This preview shows how the Hex color 006793 looks on a white background.

Color Contrast Check

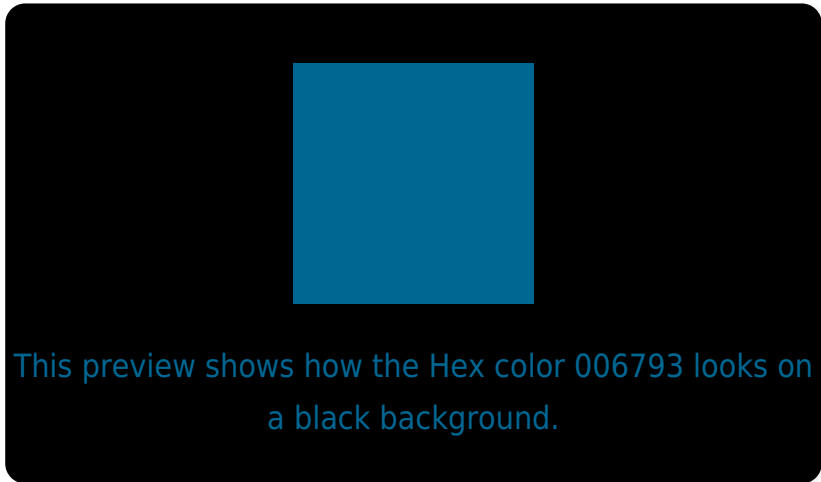
Large Text (above 18pt) WCAG AA ✓ Pass

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

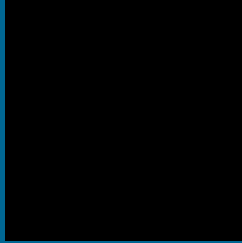
Any Text WCAG AA × Fail

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 006793 Background



This preview shows how black text looks on a background with the Hex color 006793.



This preview shows how white text looks on a background with the Hex color 006793.

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
006793

Protanomaly
34628F

Deuteranomaly
2D6394

Tritanomaly
006A7F

Monochromacy



Original Color
006793

Achromatopsia
4D4D4D

Achromatomaly
315666

CSS Examples

Text

The CSS property to change the color of the text to Hex 006793 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 #006793 looks like.

```
.text, #text, p{  
    color:#006793  
}
```

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 #006793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006793
}
```

Border

The CSS property to change the border of an element to Hex 006793 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
#006793 }
```

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

```
.border{ border-color:#006793 }
```

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

Here you see how a box with a 4 pixel #006793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006793; -webkit-box-shadow:4px 4px  
4px 4px #006793; box-shadow:4px 4px 4px  
4px #006793 }
```

Background

The CSS property to change the background color of an element to Hex 006793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006793 }
```

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

```
.background{ background-color:#006793 }
```

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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