

Converting Colors

Hex(006791)

Have a look what the booklet for
Hex(006791) contains.

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Color

Hex(006791)

Conversions

Conversions Part 1

Format	Color
Hex	006791
RGB	0, 103, 145
RGB Percent	0%, 40%, 57%
CMY	1.0000, 0.5961, 0.4314
CMYK	1.00, 0.29, 0.00, 0.43
HSL	197°, 100%, 28%
HSV	197°, 100%, 57%
XYZ	9.9611, 11.7448, 28.5300
YIQ	76.9910, -74.8700, -8.7740

Conversions

Conversions Part 2

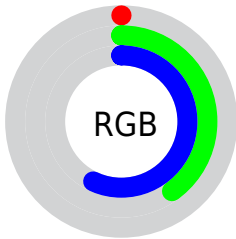
Format	Color
RYB	0, 60, 145
Decimal	26513
CIELab	40.81, -9.12, -30.04
CIELCh	41, 31.392, 253.102
Yxy	11.7448, 0.1983, 0.2338
Android (android.graphics.Color)	4278216593 (0xFF006791)
YUV	76.9910, 33.5284, -67.5211
Hunter-Lab	34.2707, -8.0912, -25.3688

Details

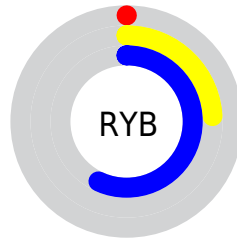
The Hex color **006791** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **912A00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **529AC7**, and **00385E** is the 20% darker color. If you saturate the color by 10%, you get **006791**, and if you desaturate by 10%, it is **0E6B91**.

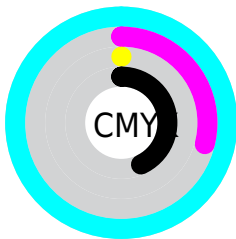
Distribution



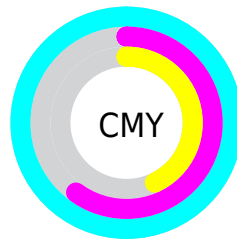
- Red (0%)
- Green (40%)
- Blue (57%)



- Red (0%)
- Yellow (24%)
- Blue (57%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006791 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 006791 by changing the saturation by 10% instead.

 006791

 006791

FFFFFF

 004F77

 529AC7

 00385E

 70B5E3

 002346

 8CD0FF

 000930

 A9ECFF

 00011A

 C6FFFF

 000000

 E4FFFF

 006791

 0E6B91

 1D6F91

 2C7491

 3A7891

 497C91

 578091

 668491

 748991

 838D91

Harmonies

Analogous

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



006C83



006791



4B5F92

Triad

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



006791



914B56



486939

Complementary

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



006791



912A00

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.



65622D



006791



8C513E

Square

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



006791



884D70



7C5A2F



226C50

Rectangle

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



006791



66588B



7C5A2F



536734

Sweetspot

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



006791



84ACBD



009129



3C555E



DEDEDE



5E5E5E

Same Dimension

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



006791



0086BD



001F91



404547



006087



000508

Inverse Universe

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



910067



BD0086



917200



474045



870060



080005

Previews

White Background



This preview shows how the Hex color 006791 looks on a white background.

Color Contrast Check

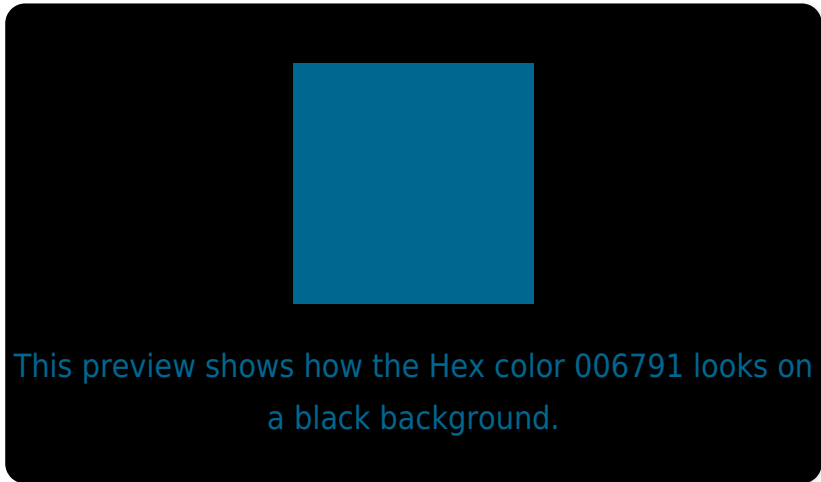
Large Text (above 18pt) WCAG AA ✓ Pass

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

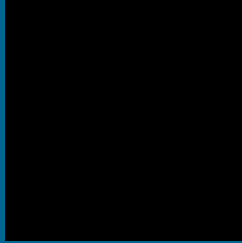
Any Text WCAG AA × Fail

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 006791 Background



This preview shows how black text looks on a background with the Hex color 006791.



This preview shows how white text looks on a background with the Hex color 006791.

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](#).

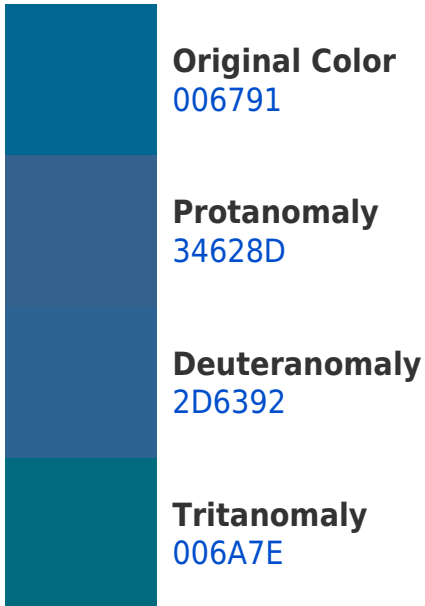
Dichromacy





Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006791 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 #006791 looks like.

```
.text, #text, p{  
    color:#006791  
}
```

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 #006791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006791
}
```

Border

The CSS property to change the border of an element to Hex 006791 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
#006791 }
```

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

```
.border{ border-color:#006791 }
```

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

Here you see how a box with a 4 pixel #006791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006791; -webkit-box-shadow:4px 4px  
4px 4px #006791; box-shadow:4px 4px 4px  
4px #006791 }
```

Background

The CSS property to change the background color of an element to Hex 006791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006791 }
```

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

```
.background{ background-color:#006791 }
```

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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