

Converting Colors

Hex(006B97)

Have a look what the booklet for
Hex(006B97) contains.

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Color

Hex(006B97)

Conversions

Conversions Part 1

Format	Color
Hex	006B97
RGB	0, 107, 151
RGB Percent	0%, 42%, 59%
CMY	1.0000, 0.5804, 0.4078
CMYK	1.00, 0.29, 0.00, 0.41
HSL	197°, 100%, 30%
HSV	197°, 100%, 59%
XYZ	10.8436, 12.7498, 31.1676
YIQ	80.0230, -77.8960, -9.0000

Conversions

Conversions Part 2

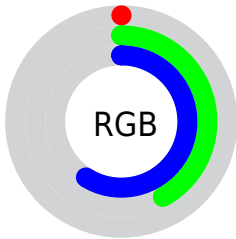
Format	Color
RYB	0, 63, 151
Decimal	27543
CIELab	42.38, -9.15, -31.15
CIElCh	42, 32.464, 253.625
Yxy	12.7498, 0.1980, 0.2328
Android (android.graphics.Color)	4278217623 (0xFF006B97)
YUV	80.0230, 34.9917, -70.1802
Hunter-Lab	35.7068, -8.2792, -26.7580

Details

The Hex color **006B97** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **972C00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **549ECD**, and **003C64** is the 20% darker color. If you saturate the color by 10%, you get **006B97**, and if you desaturate by 10%, it is **0F6F97**.

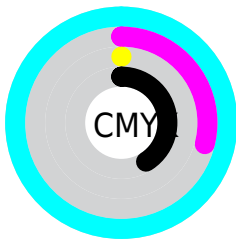
Distribution



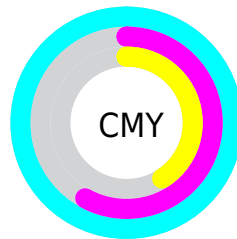
- Red (0%)
- Green (42%)
- Blue (59%)



- Red (0%)
- Yellow (25%)
- Blue (59%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (58%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B97 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 006B97 by changing the saturation by 10% instead.

 006B97

 006B97

FFFFFF

 00537D

 549ECD

 003C64

 72B9EA

 00264C

 8FD5FF

 001235

 ACF1FF

 00021F

 C9FFFF

 000002

 E7FFFF

 000000

 006B97

 0F6F97

■ 1E7497

■ 2D7897

■ 3C7D97

■ 4C8197

■ 5B8597

■ 6A8A97

■ 798E97

■ 889397

Harmonies

Analogous

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



007088



006B97



4E6398

Triad

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



006B97



974E59



4B6D3C

Complementary

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



006B97



972C00

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.



68662E



006B97



915440

Square

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



006B97



8E5074



815D30



227154

Rectangle

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



006B97



6B5C91



815D30



556B36

Sweetspot

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



006B97



89B3C4



00972B



405963



E3E3E3



636363

Same Dimension

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



006B97



008BC4



002197



454A4D



00638C



00090D

Inverse Universe

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



97006B



C4008B



977600



4D454A



8C0063



0D0009

Previews

White Background



This preview shows how the Hex color 006B97 looks on a white background.

Color Contrast Check

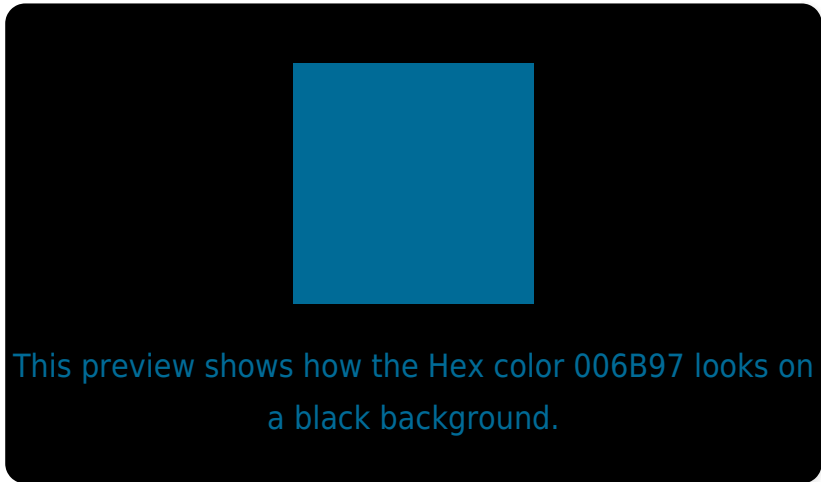
Large Text (above 18pt) WCAG AA ✓ Pass

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

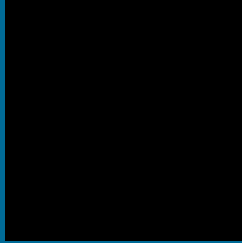
Any Text WCAG AA × Fail

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 006B97 Background



This preview shows how black text looks on a background with the Hex color 006B97.

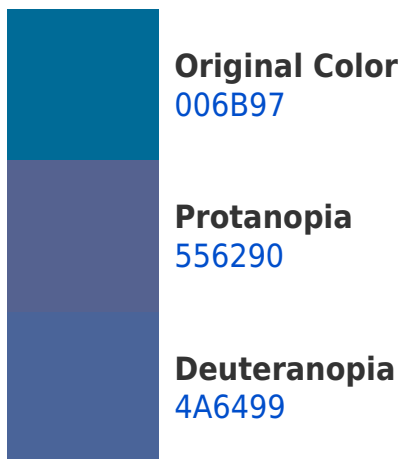


This preview shows how white text looks on a background with the Hex color 006B97.

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](#).

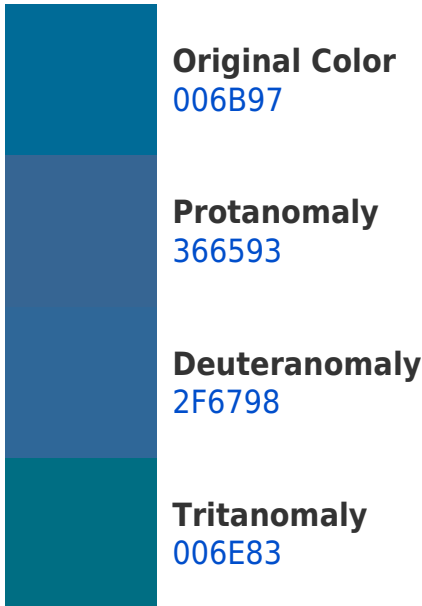
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006B97 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 #006B97 looks like.

```
.text, #text, p{  
    color:#006B97  
}
```

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 #006B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B97
}
```

Border

The CSS property to change the border of an element to Hex 006B97 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
#006B97 }
```

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

```
.border{ border-color:#006B97 }
```

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

Here you see how a box with a 4 pixel #006B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B97; -webkit-box-shadow:4px 4px  
4px 4px #006B97; box-shadow:4px 4px 4px  
4px #006B97 }
```

Background

The CSS property to change the background color of an element to Hex 006B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B97 }
```

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

```
.background{ background-color:#006B97 }
```

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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