

Converting Colors

Hex(006785)

Have a look what the booklet for
Hex(006785) contains.

Hex(006785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006785)

Conversions

Conversions Part 1

Format	Color
Hex	006785
RGB	0, 103, 133
RGB Percent	0%, 40%, 52%
CMY	1.0000, 0.5961, 0.4784
CMYK	1.00, 0.23, 0.00, 0.48
HSL	194°, 100%, 26%
HSV	194°, 100%, 52%
XYZ	9.0839, 11.3940, 23.9108
YIQ	75.6230, -71.0180, -12.5060

Conversions

Conversions Part 2

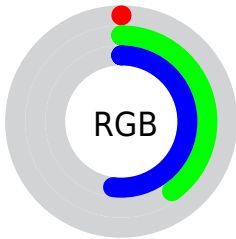
Format	Color
RYB	0, 58, 133
Decimal	26501
CIELab	40.24, -13.79, -23.70
CIELCh	40, 27.426, 239.802
Yxy	11.3940, 0.2046, 0.2567
Android (android.graphics.Color)	4278216581 (0xFF006785)
YUV	75.6230, 28.2869, -66.3214
Hunter-Lab	33.7549, -11.0345, -18.3705

Details

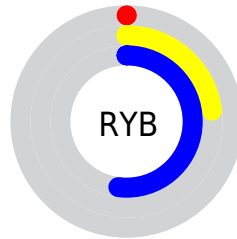
The Hex color **006785** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **851E00**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4F9ABA**, and **003853** is the 20% darker color. If you saturate the color by 10%, you get **006785**, and if you desaturate by 10%, it is **0D6A85**.

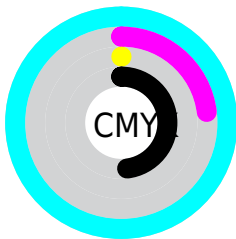
Distribution



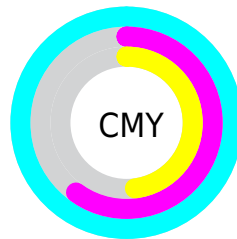
- Red (0%)
- Green (40%)
- Blue (52%)



- Red (0%)
- Yellow (23%)
- Blue (52%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006785 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 006785 by changing the saturation by 10% instead.

006785

006785

FFFFFF

004F6C

4F9ABA

003853

6CB5D6

00223C

89D1F2

000426

A5EDFF

000110

C2FFFF

000000

DFFFFF

FDFFFF

006785

■ 0D6A85

■ 1B6D85

■ 287085

■ 357385

■ 437685

■ 507985

■ 5D7C85

■ 6A7F85

■ 788285

Harmonies

Analogous

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



006A74



006785



3C618B

Triad

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



006785



884D60



566437

Complementary

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



006785



851E00

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.



6D5D31



006785



894F4A

Square

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



006785



7B5176



7F5639



3B6948

Rectangle

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



006785



565C89



7F5639



5E6234

Sweetspot

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



006785



79A2AD



00851D



375057



D6D6D6



575757

Same Dimension

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



006785



0086AD



002685



3C4142



006582



000203

Inverse Universe

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



850067



AD0086



855F00



423C41



820065



030002

Previews

White Background



This preview shows how the Hex color 006785 looks on a white background.

Color Contrast Check

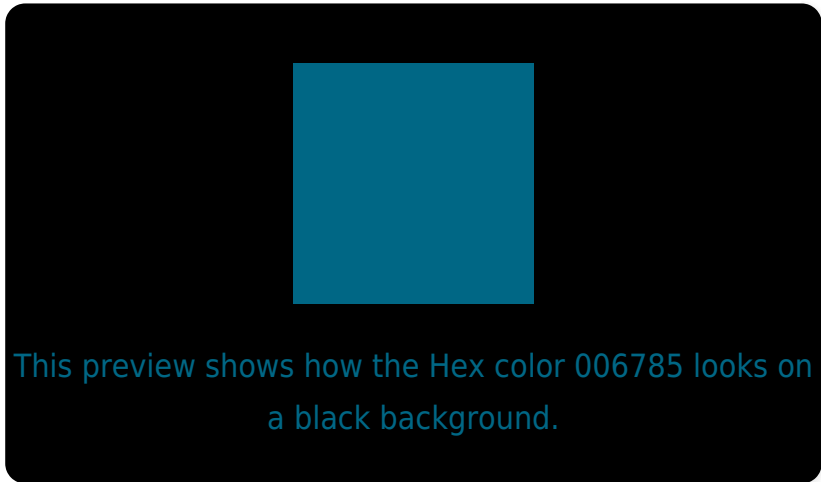
Large Text (above 18pt) WCAG AA ✓ Pass

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

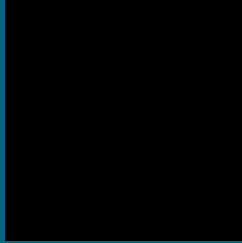
Any Text WCAG AA × Fail

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 006785 Background



This preview shows how black text looks on a background with the Hex color 006785.



This preview shows how white text looks on a background with the Hex color 006785.

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
006971

Trichromacy



Original Color
006785

Protanomaly
376181

Deuteranomaly
336186

Tritanomaly
006878

Monochromacy



Original Color
006785

Achromatopsia
4C4C4C

Achromatomaly
305661

CSS Examples

Text

The CSS property to change the color of the text to Hex 006785 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 #006785 looks like.

```
.text, #text, p{  
    color:#006785  
}
```

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 #006785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006785
}
```

Border

The CSS property to change the border of an element to Hex 006785 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
#006785 }
```

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

```
.border{ border-color:#006785 }
```

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

Here you see how a box with a 4 pixel #006785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006785; -webkit-box-shadow:4px 4px  
4px 4px #006785; box-shadow:4px 4px 4px  
4px #006785 }
```

Background

The CSS property to change the background color of an element to Hex 006785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006785 }
```

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

```
.background{ background-color:#006785 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor