

Converting Colors

Hex(006996)

Have a look what the booklet for
Hex(006996) contains.

Hex(006996)	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(006996)

Conversions

Conversions Part 1

Format	Color
Hex	006996
RGB	0, 105, 150
RGB Percent	0%, 41%, 59%
CMY	1.0000, 0.5882, 0.4118
CMYK	1.00, 0.30, 0.00, 0.41
HSL	198°, 100%, 29%
HSV	198°, 100%, 59%
XYZ	10.5566, 12.3052, 30.6729
YIQ	78.7350, -77.0250, -8.2650

Conversions

Conversions Part 2

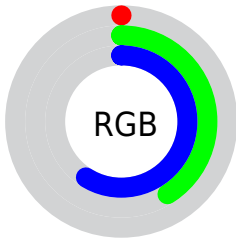
Format	Color
RYB	0, 62, 150
Decimal	27030
CIELab	41.70, -8.35, -31.63
CIELCh	42, 32.714, 255.210
Yxy	12.3052, 0.1972, 0.2299
Android (android.graphics.Color)	4278217110 (0xFF006996)
YUV	78.7350, 35.1336, -69.0506
Hunter-Lab	35.0787, -7.6699, -27.2882

Details

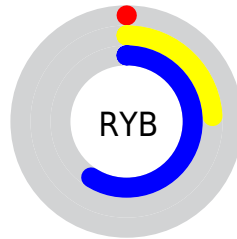
The Hex color **006996** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **962D00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **549CCC**, and **003A63** is the 20% darker color. If you saturate the color by 10%, you get **006996**, and if you desaturate by 10%, it is **0F6D96**.

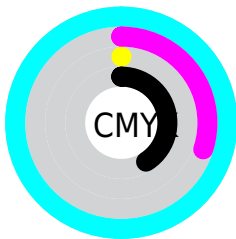
Distribution



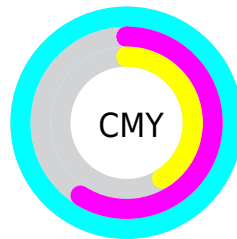
- Red (0%)
- Green (41%)
- Blue (59%)



- Red (0%)
- Yellow (24%)
- Blue (59%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006996 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 006996 by changing the saturation by 10% instead.

 006996

 006996

FFFFFF

 00517C

 549CCC

 003A63

 71B7E9

 00254B

 8ED2FF

 000F34

 ABEFFF

 00021E

 C8FFFF

 000000

 E6FFFF

 006996

 0F6D96

■ 1E7296

■ 2D7696

■ 3C7B96

■ 4B7F96

■ 5A8496

■ 698996

■ 788D96

■ 879296

Harmonies

Analogous

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



006E88



006996



4F6096

Triad

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



006996



954C56



476C3B

Complementary

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



006996



962D00

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.



65652D



006996



8F533D

Square

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



006996



8E4E71



7E5C2E



1C6F54

Rectangle

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



006996



6B598E



7E5C2E



526A35

Sweetspot

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



006996



88B0C2



00962D



3E5661



E0E0E0



616161

Same Dimension

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



006996



0088C2



001E96



43484A



00608A



00070A

Inverse Universe

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



960069



C20088



967800



4A4348



8A0060



0A0007

Previews

White Background



This preview shows how the Hex color 006996 looks on a white background.

Color Contrast Check

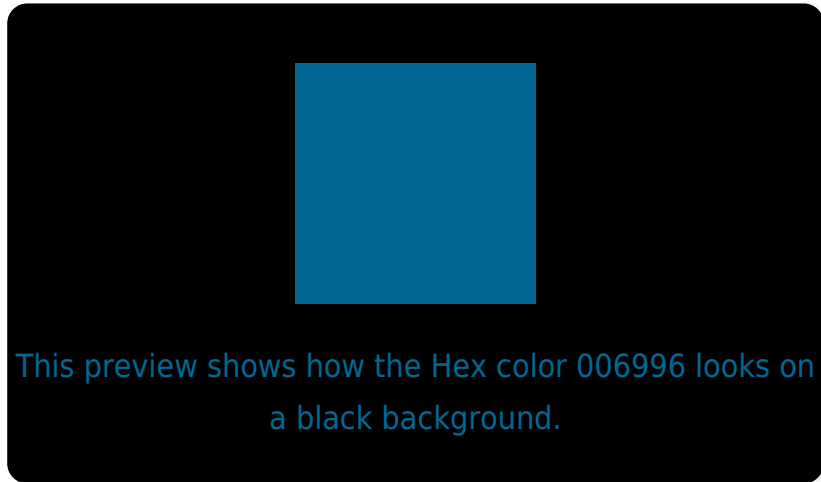
Large Text (above 18pt) WCAG AA ✓ Pass

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

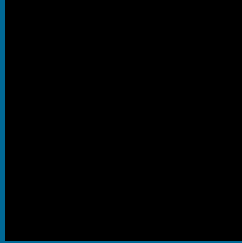
Any Text WCAG AA × Fail

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 006996 Background



This preview shows how black text looks on a background with the Hex color 006996.

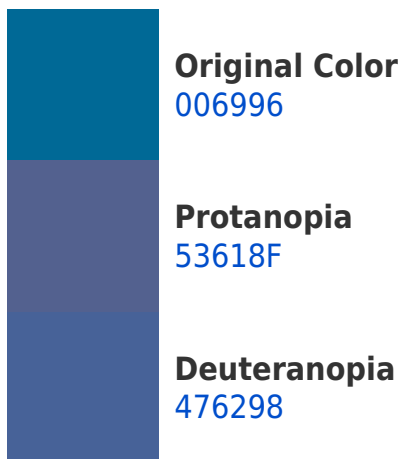


This preview shows how white text looks on a background with the Hex color 006996.

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](#).

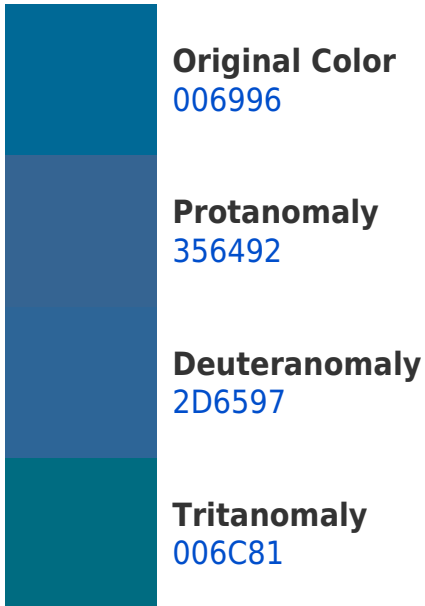
Dichromacy





Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006996 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 #006996 looks like.

```
.text, #text, p{  
    color:#006996  
}
```

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 #006996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006996
}
```

Border

The CSS property to change the border of an element to Hex 006996 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
#006996 }
```

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

```
.border{ border-color:#006996 }
```

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

Here you see how a box with a 4 pixel #006996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006996; -webkit-box-shadow:4px 4px  
4px 4px #006996; box-shadow:4px 4px 4px  
4px #006996 }
```

Background

The CSS property to change the background color of an element to Hex 006996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006996 }
```

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

```
.background{ background-color:#006996 }
```

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