

# Converting Colors

Hex(006282)

Have a look what the booklet for  
Hex(006282) contains.

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# Color

Hex(006282)

# Conversions

## Conversions Part 1

Format	Color
Hex	006282
RGB	0, 98, 130
RGB Percent	0%, 38%, 51%
CMY	1.0000, 0.6157, 0.4902
CMYK	1.00, 0.25, 0.00, 0.49
HSL	195°, 100%, 25%
HSV	195°, 100%, 51%
XYZ	8.3969, 10.3471, 22.6737
YIQ	72.3460, -68.6800, -10.8240

# Conversions

## Conversions Part 2

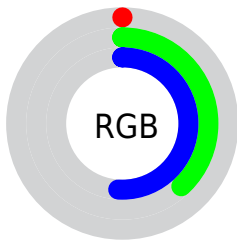
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 130
Decimal	25218
CIELab	38.46, -12.05, -24.65
CIELCh	38, 27.437, 243.959
Yxy	10.3471, 0.2027, 0.2498
Android (android.graphics.Color)	4278215298 (0xFF006282)
YUV	72.3460, 28.4234, -63.4474
Hunter-Lab	32.1669, -9.6958, -19.2754

# Details

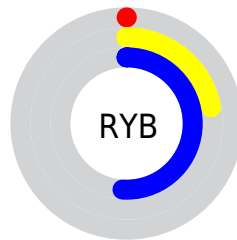
The Hex color **006282** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **822000**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4E95B7**, and **003450** is the 20% darker color. If you saturate the color by 10%, you get **006282**, and if you desaturate by 10%, it is **0D6582**.

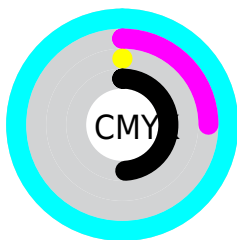
# Distribution



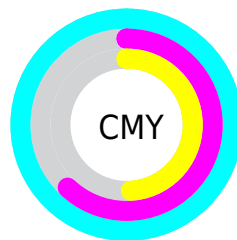
- Red (0%)
- Green (38%)
- Blue (51%)



- Red (0%)
- Yellow (22%)
- Blue (51%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (62%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006282 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 006282 by changing the saturation by 10% instead.



006282

006282

FFFFFF

004A69

4E95B7

003450

6BAFD3

001F39

87CBEF

000224

A3E7FF

00000C

C0FFFF

000000

DDFFFF

FBFFFF

006282

■ 0D6582

■ 1A6882

■ 276C82

■ 346F82

■ 417282

■ 4E7582

■ 5B7882

■ 687C82

■ 757F82

# Harmonies

## Analogous

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



006573



006282



3D5C87

# Triad

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



006282



844958



4E6135

# Complementary

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



006282



822000

# 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.



665A2D



006282



834B43

# Square

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



006282



794C6E



785233



326546

# Rectangle

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



006282



565683



785233



575F31



# Sweetspot

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



006282



769CA8



00821E



364D54



D4D4D4



545454



# Same Dimension

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



006282



007FA8



002382



393E40



006080



000000



# Inverse Universe

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



820062



A8007F



825F00



40393E



800060



000000



# Previews

## White Background



This preview shows how the Hex color 006282 looks on a white background.

## Color Contrast Check

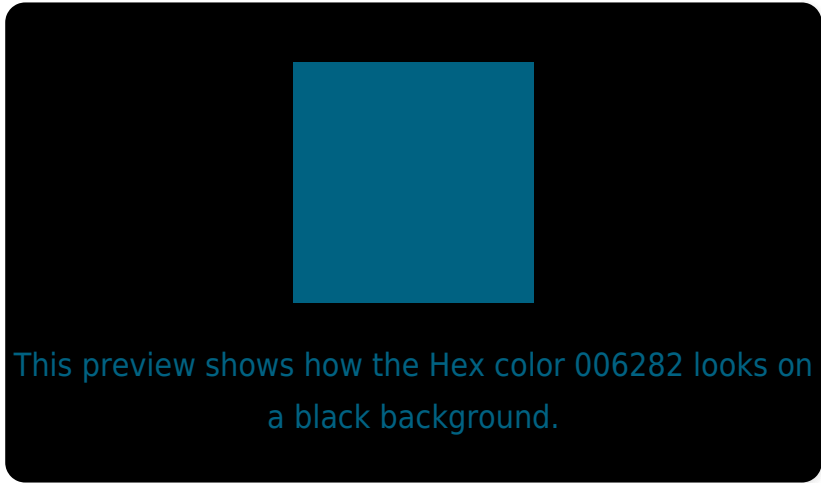
Large Text (above 18pt) WCAG AA ✓ Pass

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

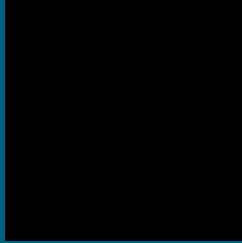
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006282 Background



This preview shows how black text looks on a background with the Hex color 006282.

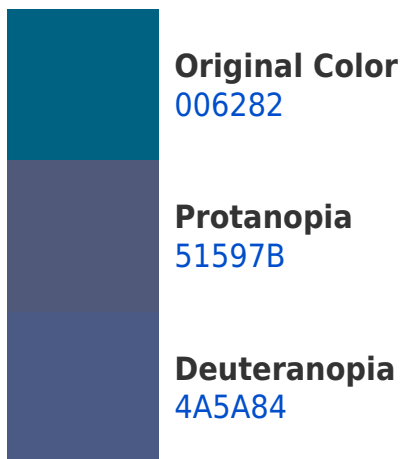


This preview shows how white text looks on a background with the Hex color 006282.

# 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](#).

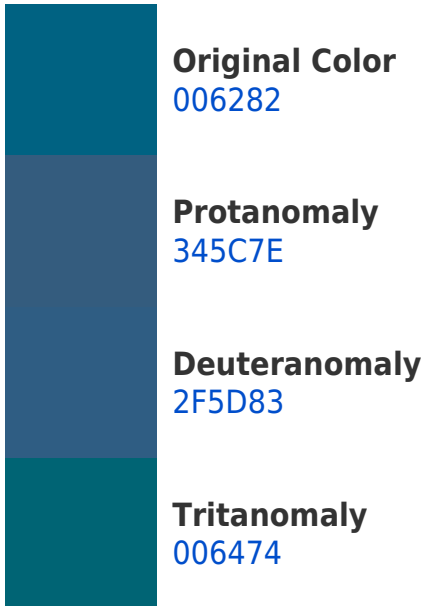
## Dichromacy





**Tritanopia**  
00656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006282 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 #006282 looks like.

```
.text, #text, p{  
    color:#006282  
}
```

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 #006282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006282
}
```

## Border

The CSS property to change the border of an element to Hex 006282 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
#006282 }
```

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

```
.border{ border-color:#006282 }
```

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

Here you see how a box with a 4 pixel #006282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006282; -webkit-box-shadow:4px 4px  
4px 4px #006282; box-shadow:4px 4px 4px  
4px #006282 }
```

# Background

The CSS property to change the background color of an element to Hex 006282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006282 }
```

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

```
.background{ background-color:#006282 }
```

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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