

Converting Colors

Hex(006582)

Have a look what the booklet for
Hex(006582) contains.

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Color

Hex(006582)

Conversions

Conversions Part 1

Format	Color
Hex	006582
RGB	0, 101, 130
RGB Percent	0%, 40%, 51%
CMY	1.0000, 0.6039, 0.4902
CMYK	1.00, 0.22, 0.00, 0.49
HSL	193°, 100%, 25%
HSV	193°, 100%, 51%
XYZ	8.6829, 10.9191, 22.7690
YIQ	74.1070, -69.5050, -12.3930

Conversions

Conversions Part 2

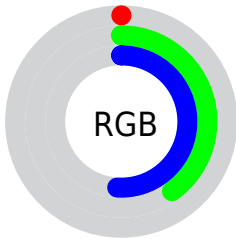
Format	Color
RYB	0, 57, 130
Decimal	25986
CIELab	39.44, -13.79, -23.12
CIELCh	39, 26.921, 239.178
Yxy	10.9191, 0.2049, 0.2577
Android (android.graphics.Color)	4278216066 (0xFF006582)
YUV	74.1070, 27.5552, -64.9918
Hunter-Lab	33.0440, -10.9227, -17.7231

Details

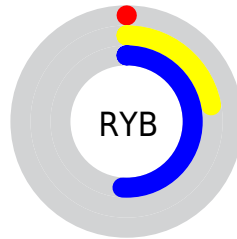
The Hex color **006582** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **821D00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4E98B7**, and **003651** is the 20% darker color. If you saturate the color by 10%, you get **006582**, and if you desaturate by 10%, it is **0D6882**.

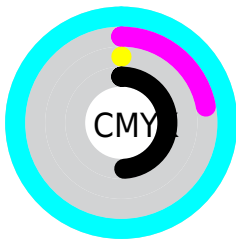
Distribution



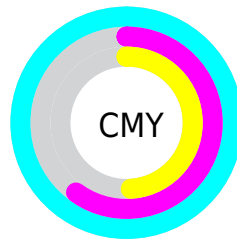
- Red (0%)
- Green (40%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006582 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 006582 by changing the saturation by 10% instead.

006582

006582

FFFFFF

004D69

4E98B7

003651

6BB3D3

002139

87CEEF

000224

A4EBFF

00000C

C1FFFF

000000

DEFFFF

FCFFFF

006582

■ 0D6882

■ 1A6B82

■ 276E82

■ 347182

■ 417382

■ 4E7682

■ 5B7982

■ 687C82

■ 757F82

Harmonies

Analogous

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



006872



006582



3A5F88

Triad

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



006582



854B5E



556236

Complementary

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



006582



821D00

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.



6B5B30



006582



864D49

Square

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



006582



785074



7D5438



3A6646

Rectangle

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



006582



535A86



7D5438



5D6033

Sweetspot

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



006582



769DA8



00821C



364D54



D4D4D4



545454

Same Dimension

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



006582



0083A8



002582



393E40



006380



000000

Inverse Universe

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



820065



A80083



825D00



40393E



800063



000000

Previews

White Background



This preview shows how the Hex color 006582 looks on a white background.

Color Contrast Check

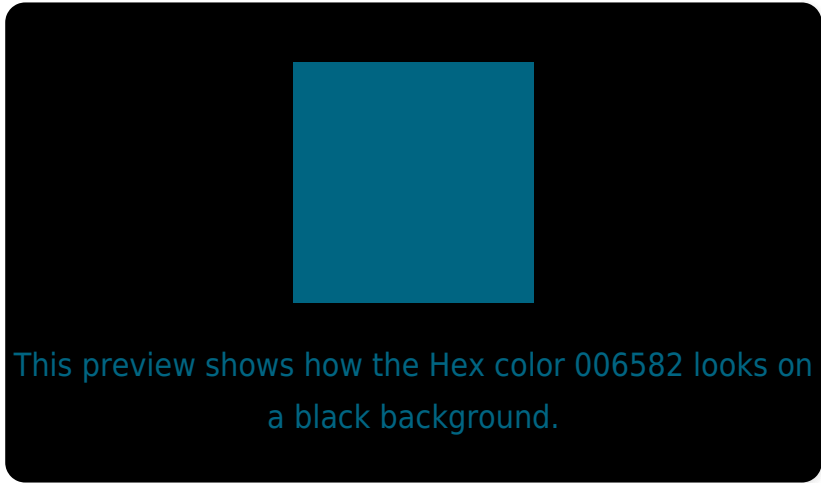
Large Text (above 18pt) WCAG AA ✓ Pass

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

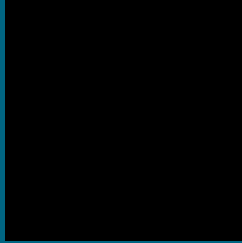
Any Text WCAG AA × Fail

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 006582 Background



This preview shows how black text looks on a background with the Hex color 006582.

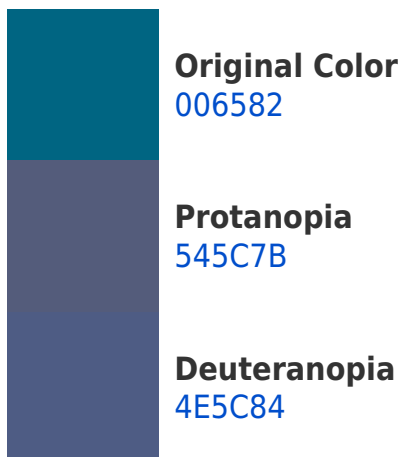


This preview shows how white text looks on a background with the Hex color 006582.

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
00676F

Trichromacy



Original Color
006582

Protanomaly
355F7E

Deuteranomaly
325F83

Tritanomaly
006676

Monochromacy



Original Color
006582

Achromatopsia
4A4A4A

Achromatomaly
2F545E

CSS Examples

Text

The CSS property to change the color of the text to Hex 006582 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 #006582 looks like.

```
.text, #text, p{  
    color:#006582  
}
```

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 #006582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006582
}
```

Border

The CSS property to change the border of an element to Hex 006582 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
#006582 }
```

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

```
.border{ border-color:#006582 }
```

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

Here you see how a box with a 4 pixel #006582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006582; -webkit-box-shadow:4px 4px  
4px 4px #006582; box-shadow:4px 4px 4px  
4px #006582 }
```

Background

The CSS property to change the background color of an element to Hex 006582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006582 }
```

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

```
.background{ background-color:#006582 }
```

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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