

Converting Colors

Hex(056982)

Have a look what the booklet for
Hex(056982) contains.

Hex(056982)	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(056982)

Conversions

Conversions Part 1

Format	Color
Hex	056982
RGB	5, 105, 130
RGB Percent	2%, 41%, 51%
CMY	0.9804, 0.5882, 0.4902
CMYK	0.96, 0.19, 0.00, 0.49
HSL	192°, 93%, 26%
HSV	192°, 96%, 51%
XYZ	9.1434, 11.7471, 22.9046
YIQ	77.9500, -67.6250, -13.4250

Conversions

Conversions Part 2

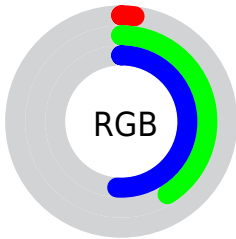
Format	Color
RYB	5, 61, 130
Decimal	354690
CIELab	40.81, -15.78, -21.00
CIELCh	41, 26.262, 233.080
Yxy	11.7471, 0.2088, 0.2682
Android (android.graphics.Color)	4278544770 (0xFF056982)
YUV	77.9500, 25.6607, -63.9771
Hunter-Lab	34.2741, -12.3605, -15.6303

Details

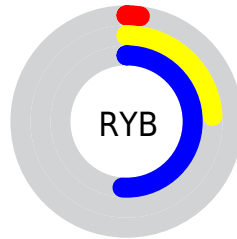
The Hex color **056982** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **821E05**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **509CB7**, and **003A51** is the 20% darker color. If you saturate the color by 10%, you get **006882**, and if you desaturate by 10%, it is **126C82**.

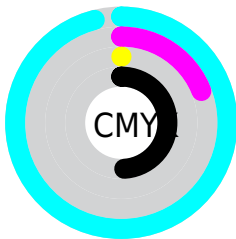
Distribution



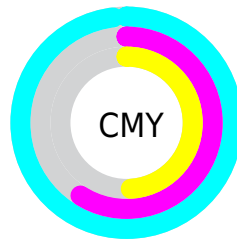
- Red (2%)
- Green (41%)
- Blue (51%)



- Red (2%)
- Yellow (24%)
- Blue (51%)



- Cyan (96%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (98%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 056982 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 056982 by changing the saturation by 10% instead.

■ 056982

■ 056982

FFFFFF

■ 005169

■ 509CB7

■ 003A51

■ 6DB7D3

■ 002439

■ 89D3EF

■ 000824

■ A6EFFF

■ 00000C

■ C2FFFF

■ 000000

■ E0FFFF

■ F0FFFF

■ 056982

■ 056982

■ 006882

■ 126C82

■ 1F6E82

■ 2C7182

■ 397382

■ 467682

■ 537982

■ 607B82

■ 6D7E82

■ 7A8082

Harmonies

Analogous

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



006B70



056982



37648B

Triad

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



056982



865066



5D6438

Complementary

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



056982



821E05

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.



735D35



056982



8A5050

Square

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



056982



76557A



82563F



446946

Rectangle

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



056982



505F8A



82563F



656236

Sweetspot

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



056982



779FA8



05821E



374E54



D4D4D4



545454

Same Dimension

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



056982



0087A8



052A82



393E40



006680



000000

Inverse Universe

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



820569



A80087



825C05



40393E



800066



000000

Previews

White Background



This preview shows how the Hex color 056982 looks on a white background.

Color Contrast Check

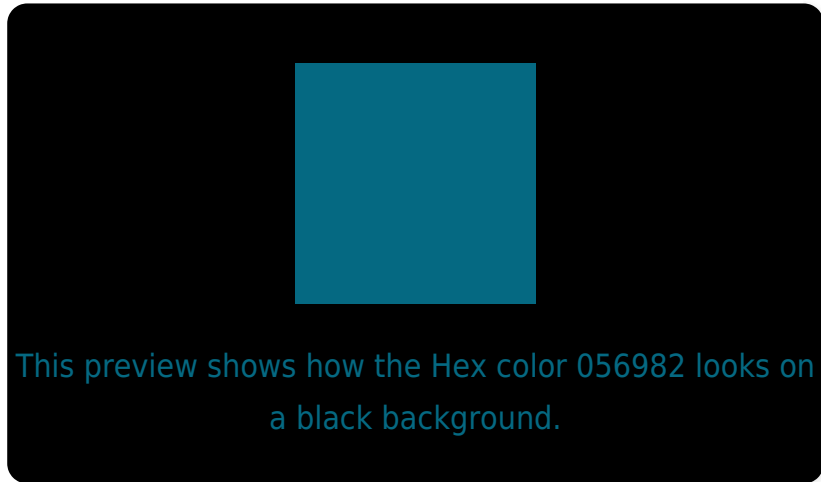
Large Text (above 18pt) WCAG AA ✓ Pass

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

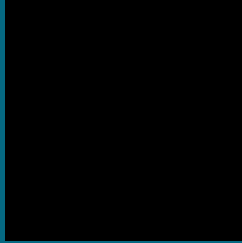
Any Text WCAG AA × Fail

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 056982 Background



This preview shows how black text looks on a background with the Hex color 056982.

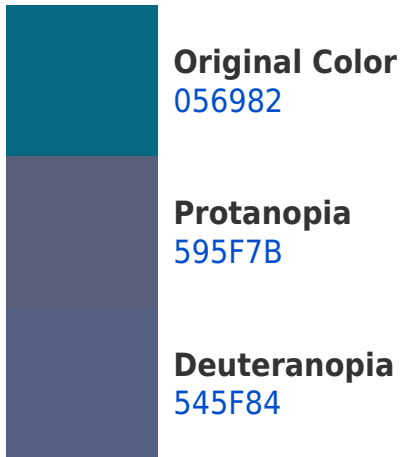


This preview shows how white text looks on a background with the Hex color 056982.

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](#).

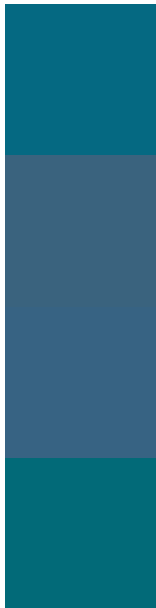
Dichromacy





Tritanopia
006B73

Trichromacy



Original Color
056982

Protanomaly
3A637E

Deuteranomaly
376383

Tritanomaly
026A78

Monochromacy



Original Color
056982

Achromatopsia
4E4E4E

Achromatomaly
335861

CSS Examples

Text

The CSS property to change the color of the text to Hex 056982 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 #056982 looks like.

```
.text, #text, p{  
    color:#056982  
}
```

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 #056982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056982
}
```

Border

The CSS property to change the border of an element to Hex 056982 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
#056982 }
```

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

```
.border{ border-color:#056982 }
```

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

Here you see how a box with a 4 pixel #056982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056982; -webkit-box-shadow:4px 4px  
4px 4px #056982; box-shadow:4px 4px 4px  
4px #056982 }
```

Background

The CSS property to change the background color of an element to Hex 056982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056982 }
```

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

```
.background{ background-color:#056982 }
```

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