

Converting Colors

Hex(39976F)

Have a look what the booklet for
Hex(39976F) contains.

Hex(39976F)	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(39976F)

Conversions

Conversions Part 1

Format	Color
Hex	39976F
RGB	57, 151, 111
RGB Percent	22%, 59%, 44%
CMY	0.7765, 0.4078, 0.5647
CMYK	0.62, 0.00, 0.26, 0.41
HSL	154°, 45%, 41%
HSV	154°, 62%, 59%
XYZ	15.6232, 24.1508, 18.8771
YIQ	118.3340, -43.1840, -32.3680

Conversions

Conversions Part 2

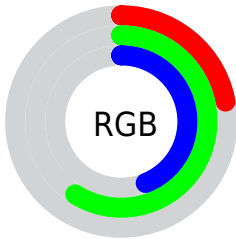
Format	Color
RYB	57, 117, 151
Decimal	3774319
CIELab	56.24, -37.48, 13.03
CIELCh	56, 39.680, 160.832
Yxy	24.1508, 0.2664, 0.4118
Android (android.graphics.Color)	4281964399 (0xFF39976F)
YUV	118.3340, -3.6157, -53.7899
Hunter-Lab	49.1434, -29.2541, 11.6258

Details

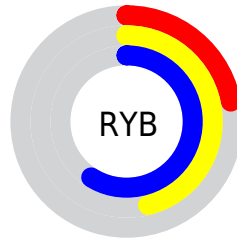
The Hex color **39976F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **973961**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **71CEA3**, and **00633F** is the 20% darker color. If you saturate the color by 10%, you get **2A9769**, and if you desaturate by 10%, it is **489775**.

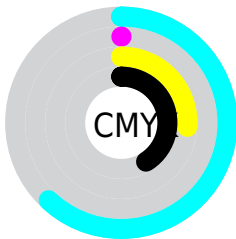
Distribution



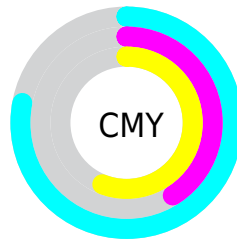
- Red (22%)
- Green (59%)
- Blue (44%)



- Red (22%)
- Yellow (46%)
- Blue (59%)



- Cyan (62%)
- Magenta (0%)
- Yellow (26%)
- Black (41%)



- Cyan (78%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39976F 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 39976F by changing the saturation by 10% instead.



39976F



39976F

FFFFFF



177D57



71CEA3



00633F



8DEABE



004B29



A9FFDA



003314



C6FFF6



001E00



E3FFFF



000000



39976F



39976F



2A9769



489775



1B9762



57977C

 0C975C

 669782

 009757

 759789

 84978F

 949796

 A3979C

 B297A2

 C197A9

Harmonies

Analogous

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



6A9251



39976F



009993

Triad

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



39976F



6586CA



C3715B

Complementary

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



39976F



973961

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.



C86A7C



39976F



9A79BB

Square

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



39976F



0091C7



BB6E9E



AE7D45

Rectangle

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



39976F



0098A9



BB6E9E



C66E65

Sweetspot

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



39976F



9FC4B4



629739



4D635A



E3E3E3



636363

Same Dimension

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



39976F



31C486



399197



454D49



008C51



000D07

Inverse Universe

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



973961



C43170



973F39



4D4548



8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 39976F looks on a white background.

Color Contrast Check

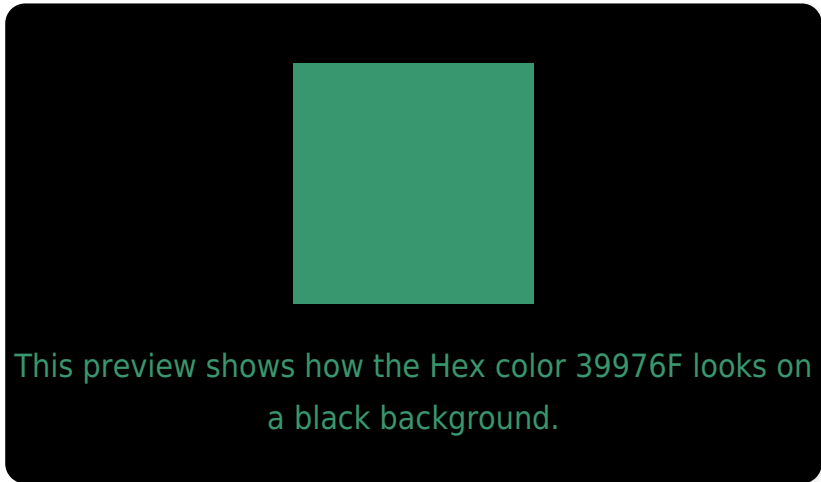
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

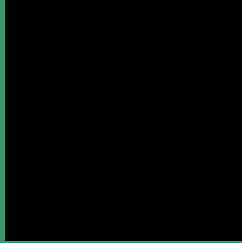
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 39976F Background



This preview shows how black text looks on a background with the Hex color 39976F.

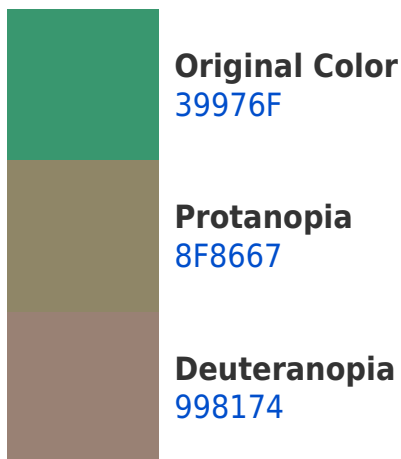



This preview shows how white text looks on a background with the Hex color 39976F.

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
49919D

Trichromacy



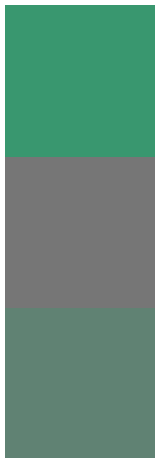
Original Color
39976F

Protanomaly
708C6A

Deuteranomaly
768972

Tritanomaly
43938C

Monochromacy



Original Color
39976F

Achromatopsia
767676

Achromatomaly
608273

CSS Examples

Text

The CSS property to change the color of the text to Hex 39976F 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 #39976F looks like.

```
.text, #text, p{  
    color:#39976F  
}
```

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 #39976F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39976F
}
```

Border

The CSS property to change the border of an element to Hex 39976F 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
#39976F }
```

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

```
.border{ border-color:#39976F }
```

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

Here you see how a box with a 4 pixel #39976F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39976F; -webkit-box-shadow:4px 4px  
4px 4px #39976F; box-shadow:4px 4px 4px  
4px #39976F }
```

Background

The CSS property to change the background color of an element to Hex 39976F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39976F }
```

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

```
.background{ background-color:#39976F }
```

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