

Converting Colors

Hex(38996C)

Have a look what the booklet for
Hex(38996C) contains.

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Color

Hex(38996C)

Conversions

Conversions Part 1

Format	Color
Hex	38996C
RGB	56, 153, 108
RGB Percent	22%, 60%, 42%
CMY	0.7804, 0.4000, 0.5765
CMYK	0.63, 0.00, 0.29, 0.40
HSL	152°, 46%, 41%
HSV	152°, 63%, 60%
XYZ	15.7289, 24.7059, 18.1271
YIQ	118.8670, -43.3670, -34.5590

Conversions

Conversions Part 2

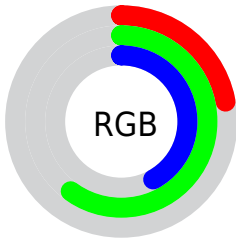
Format	Color
RYB	56, 119, 153
Decimal	3709292
CIELab	56.79, -39.23, 15.47
CIELCh	57, 42.172, 158.476
Yxy	24.7059, 0.2686, 0.4219
Android (android.graphics.Color)	4281899372 (0xFF38996C)
YUV	118.8670, -5.3574, -55.1344
Hunter-Lab	49.7051, -30.4985, 13.1709

Details

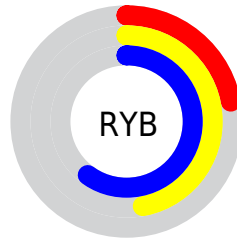
The Hex color **38996C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **993865**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **71D0A0**, and **00653C** is the 20% darker color. If you saturate the color by 10%, you get **299965**, and if you desaturate by 10%, it is **479973**.

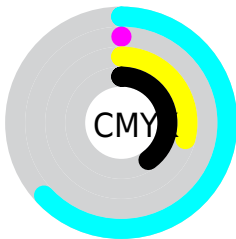
Distribution



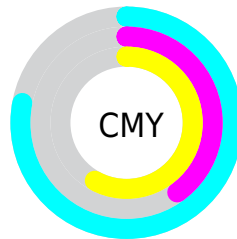
- Red (22%)
- Green (60%)
- Blue (42%)



- Red (22%)
- Yellow (47%)
- Blue (60%)



- Cyan (63%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38996C 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 38996C by changing the saturation by 10% instead.

 38996C

 38996C

FFFFFF

 157F54

 71D0A0

 00653C

 8DEDDB

 004C26

 A9FFD6

 003411

 C6FFF3

 002000

 E3FFFF

 000000

 38996C

 38996C

 299965

 479973

 19995E

 57997A

0A9957

669981

009952

759988

85998F

949997

A3999E

B299A5

C299AC

Harmonies

Analogous

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



6D934D



38996C



009B92

Triad

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



38996C



5D89D1



C9705C

Complementary

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



38996C



993865

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.



CD697F



38996C



997BC2

Square

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



38996C



0093CC



BE6EA4



B47D44

Rectangle

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



38996C



009AAA



BE6EA4



CC6D67

Sweetspot

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



38996C



A1C7B5



659938



4D6359



E3E3E3



636363

Same Dimension

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



38996C



30C781



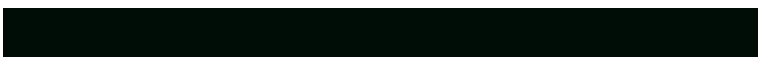
389699



454D49



008C4B



000D07

Inverse Universe

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



993865



C73076



993B38



4D4548



8C0041



0D0006

Previews

White Background



This preview shows how the Hex color 38996C looks on a white background.

Color Contrast Check

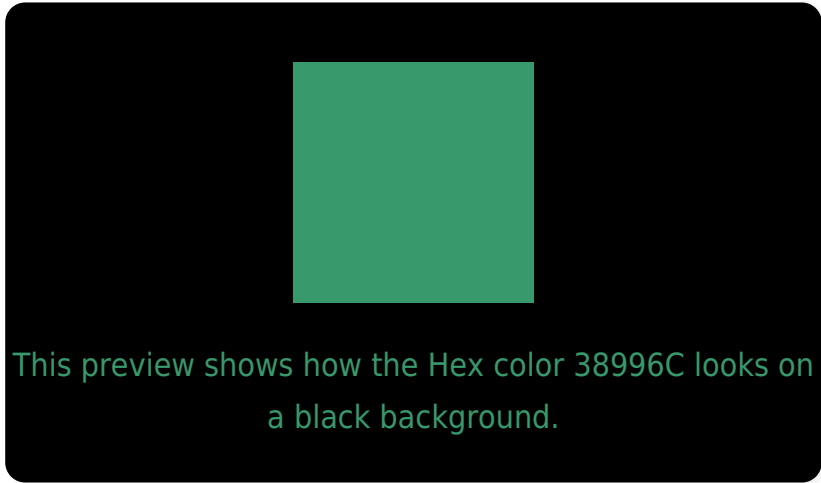
Large Text (above 18pt) WCAG AA ✓ Pass

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

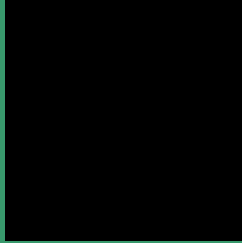
Any Text WCAG AA ✓ Pass

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 38996C Background



This preview shows how black text looks on a background with the Hex color 38996C.



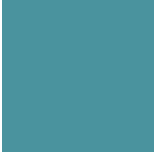
This preview shows how white text looks on a background with the Hex color 38996C.

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](#).

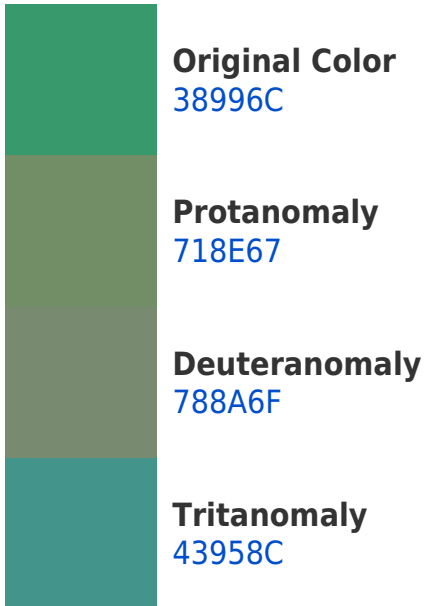
Dichromacy





Tritanopia
4A939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38996C 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 #38996C looks like.

```
.text, #text, p{  
    color:#38996C  
}
```

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 #38996C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38996C
}
```

Border

The CSS property to change the border of an element to Hex 38996C 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
#38996C }
```

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

```
.border{ border-color:#38996C }
```

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

Here you see how a box with a 4 pixel #38996C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38996C; -webkit-box-shadow:4px 4px  
4px 4px #38996C; box-shadow:4px 4px 4px  
4px #38996C }
```

Background

The CSS property to change the background color of an element to Hex 38996C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38996C }
```

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

```
.background{ background-color:#38996C }
```

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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