

Converting Colors

Hex(33796C)

Have a look what the booklet for
Hex(33796C) contains.

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Color

Hex(33796C)

Conversions

Conversions Part 1

Format	Color
Hex	33796C
RGB	51, 121, 108
RGB Percent	20%, 47%, 42%
CMY	0.8000, 0.5255, 0.5765
CMYK	0.58, 0.00, 0.11, 0.53
HSL	169°, 41%, 34%
HSV	169°, 58%, 47%
XYZ	10.9094, 15.4613, 16.5967
YIQ	98.5880, -37.5470, -18.8830

Conversions

Conversions Part 2

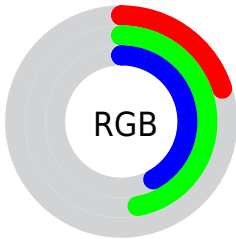
Format	Color
R_{YB}	51, 90, 121
Decimal	3373420
CIE _{Lab}	46.26, -25.37, 0.51
CIE _{LCh}	46, 25.374, 178.852
Yxy	15.4613, 0.2539, 0.3598
Android (android.graphics.Color)	4281563500 (0xFF33796C)
YUV	98.5880, 4.6401, -41.7347
Hunter-Lab	39.3208, -19.2874, 2.4992

Details

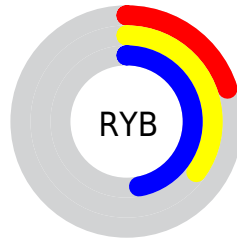
The Hex color **33796C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **793340**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68AE9F**, and **00483D** is the 20% darker color. If you saturate the color by 10%, you get **27796A**, and if you desaturate by 10%, it is **3F796E**.

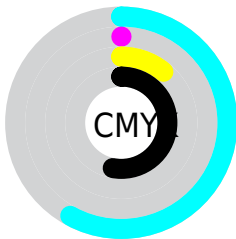
Distribution



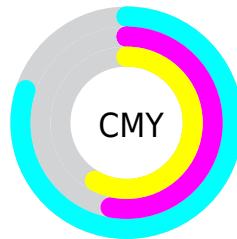
- Red (20%)
- Green (47%)
- Blue (42%)



- Red (20%)
- Yellow (35%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33796C 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 33796C by changing the saturation by 10% instead.

 33796C

 33796C

FFFFFF

 156054

 68AE9F

 00483D

 83C9BA

 003127

 9FE6D6

 001E12

 BAFFF2

 000000

 D7FFFF

 F4FFFF

 33796C

 33796C

 27796A

 3F796E

■ 1B7968

■ 4B7970

■ 0F7965

■ 577973

■ 037963

■ 637975

■ 007963

■ 6F7977

■ 7C7979

■ 88797C

■ 94797E

■ A07980

Harmonies

Analogous

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



4E7757



33796C



1F7981

Triad

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



33796C



6F6893



8E654A

Complementary

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



33796C



793340

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.



975F5A



33796C



886184

Square

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



33796C



4F7098



955D6F



7D6C43

Rectangle

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



33796C



24778D



955D6F



92624E

Sweetspot

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



33796C



839E99



417933



3F4F4C



CFCFCF



4F4F4F

Same Dimension

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



33796C



319E8A



336479



373D3C



007D66



00FCCE

Inverse Universe

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



793340



9E3145



794833



3D3738



7D0017



FC002F

Previews

White Background



This preview shows how the Hex color 33796C looks on a white background.

Color Contrast Check

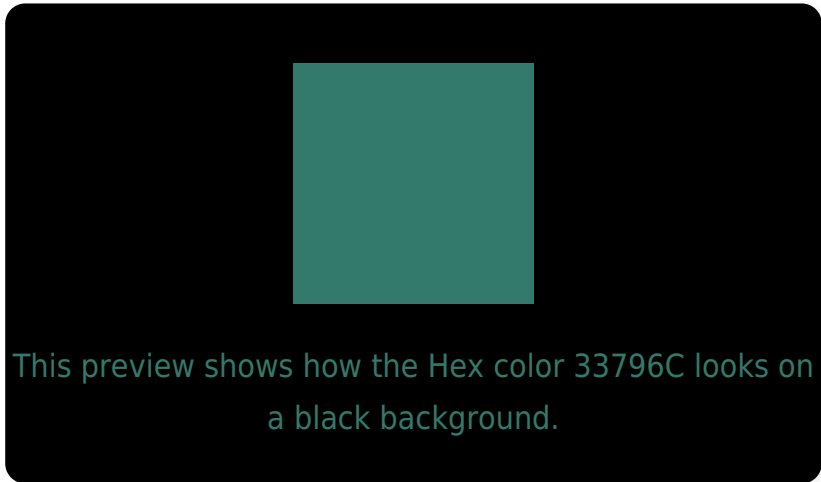
Large Text (above 18pt) WCAG AA ✓ Pass

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

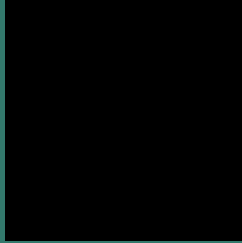
Any Text WCAG AA × Fail

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 33796C Background



This preview shows how black text looks on a background with the Hex color 33796C.

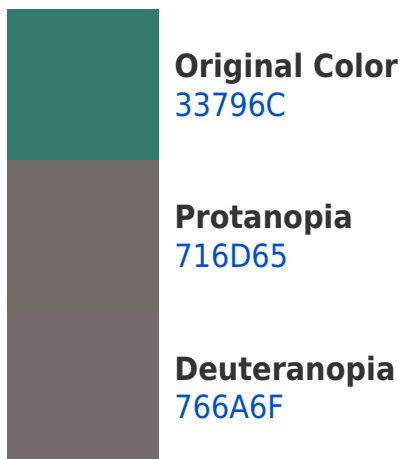



This preview shows how white text looks on a background with the Hex color 33796C.

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



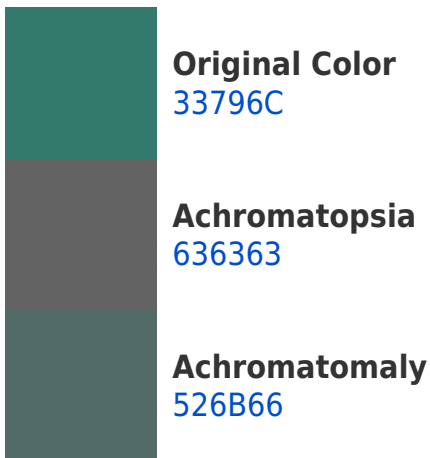


Tritanopia
3A7680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33796C 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 #33796C looks like.

```
.text, #text, p{  
    color:#33796C  
}
```

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 #33796C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33796C
}
```

Border

The CSS property to change the border of an element to Hex 33796C 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
#33796C }
```

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

```
.border{ border-color:#33796C }
```

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

Here you see how a box with a 4 pixel #33796C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33796C; -webkit-box-shadow:4px 4px  
4px 4px #33796C; box-shadow:4px 4px 4px  
4px #33796C }
```

Background

The CSS property to change the background color of an element to Hex 33796C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33796C }
```

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

```
.background{ background-color:#33796C }
```

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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