

Converting Colors

Hex(34796D)

Have a look what the booklet for
Hex(34796D) contains.

Hex(34796D)	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(34796D)

Conversions

Conversions Part 1

Format	Color
Hex	34796D
RGB	52, 121, 109
RGB Percent	20%, 47%, 43%
CMY	0.7961, 0.5255, 0.5725
CMYK	0.57, 0.00, 0.10, 0.53
HSL	170°, 40%, 34%
HSV	170°, 57%, 47%
XYZ	11.0139, 15.5089, 16.8810
YIQ	99.0010, -37.2720, -18.3600

Conversions

Conversions Part 2

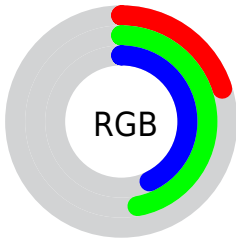
Format	Color
RYB	52, 90, 121
Decimal	3438957
CIELab	46.32, -24.87, 0.01
CIELCh	46, 24.871, 179.973
Yxy	15.5089, 0.2538, 0.3573
Android (android.graphics.Color)	4281629037 (0xFF34796D)
YUV	99.0010, 4.9295, -41.2199
Hunter-Lab	39.3814, -18.9960, 2.1520




Details

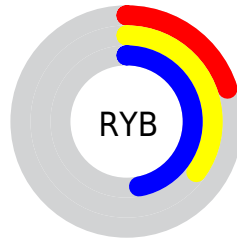
The Hex color **34796D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **793440**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **69AEA0**, and **00483E** is the 20% darker color. If you saturate the color by 10%, you get **28796B**, and if you desaturate by 10%, it is **40796F**.

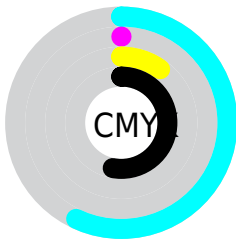
Distribution







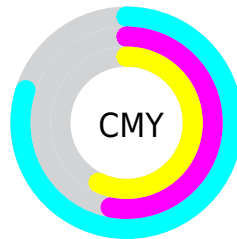
-  Red (20%)
-  Green (47%)
-  Blue (43%)






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



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (53%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34796D 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 34796D by changing the saturation by 10% instead.

 34796D

 34796D

FFFFFF

 166055

 69AEA0

 00483E

 84C9BB

 003128

 9FE6D7

 001E13

 BBFFF4

 000000

 D8FFFF

 F5FFFF

 34796D

 34796D

 28796B

 40796F

■ 1C7969

■ 4C7971

■ 107967

■ 587973

■ 047965

■ 647975

■ 007964

■ 707978

■ 7D797A

■ 89797C

■ 95797E

■ A17980

Harmonies

Analogous

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



4D7758



34796D



237882

Triad

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



34796D



706892



8D654A

Complementary

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



34796D



793440

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.



96605A



34796D



886183

Square

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



34796D



517097



955E6F



7C6C44

Rectangle

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



34796D



28778D



955E6F



91634F

Sweetspot

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



34796D



839E99



417934



3F4F4C



CFCFCF



4F4F4F

Same Dimension

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



34796D



339E8B



346379



373D3C



007D67



00FCD1

Inverse Universe

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



793440



9E3345



794A34



3D3738



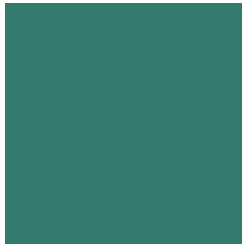
7D0016



FC002C

Previews

White Background



This preview shows how the Hex color 34796D looks on a white background.

Color Contrast Check

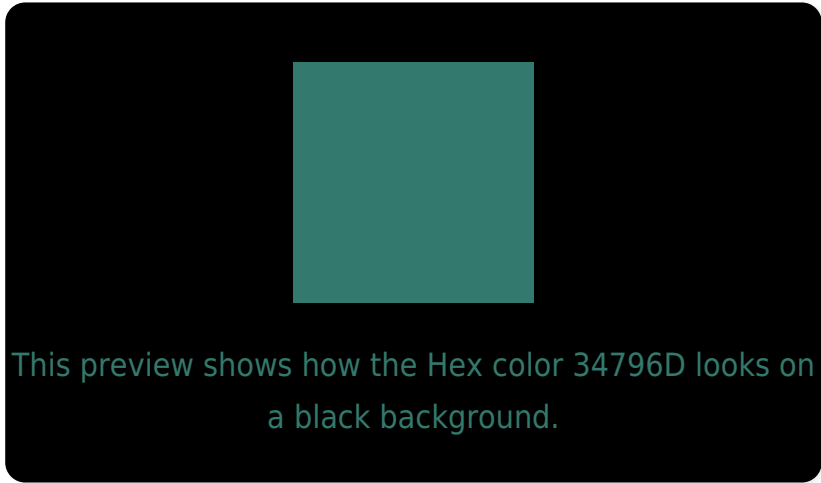
Large Text (above 18pt) WCAG AA ✓ Pass

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

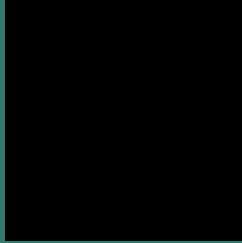
Any Text WCAG AA × Fail

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 34796D Background



This preview shows how black text looks on a background with the Hex color 34796D.

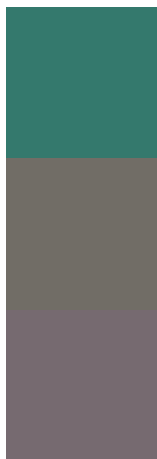


This preview shows how white text looks on a background with the Hex color 34796D.

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



Original Color
34796D

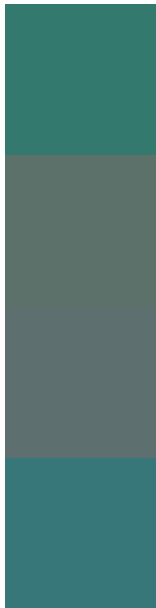
Protanopia
716D66

Deuteranopia
766A70



Tritanopia
3B7680

Trichromacy



Original Color
34796D

Protanomaly
5B7169

Deuteranomaly
5E6F6F

Tritanomaly
387779

Monochromacy



Original Color
34796D

Achromatopsia
636363

Achromatomaly
526B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 34796D 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 #34796D looks like.

```
.text, #text, p{  
    color:#34796D  
}
```

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 #34796D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34796D
}
```

Border

The CSS property to change the border of an element to Hex 34796D 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
#34796D }
```

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

```
.border{ border-color:#34796D }
```

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

Here you see how a box with a 4 pixel #34796D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34796D; -webkit-box-shadow:4px 4px  
4px 4px #34796D; box-shadow:4px 4px 4px  
4px #34796D }
```

Background

The CSS property to change the background color of an element to Hex 34796D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34796D }
```

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

```
.background{ background-color:#34796D }
```

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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