

Converting Colors

Hex(3C7973)

Have a look what the booklet for
Hex(3C7973) contains.

Hex(3C7973)	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(3C7973)

Conversions

Conversions Part 1

Format	Color
Hex	3C7973
RGB	60, 121, 115
RGB Percent	24%, 47%, 45%
CMY	0.7647, 0.5255, 0.5490
CMYK	0.50, 0.00, 0.05, 0.53
HSL	174°, 34%, 35%
HSV	174°, 50%, 47%
XYZ	11.7954, 15.8732, 18.6618
YIQ	102.0770, -34.4300, -14.7980

Conversions

Conversions Part 2

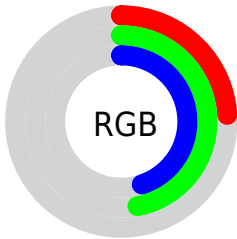
Format	Color
RYB	60, 92, 121
Decimal	3963251
CIELab	46.81, -21.32, -2.81
CIELCh	47, 21.508, 187.496
Yxy	15.8732, 0.2546, 0.3426
Android (android.graphics.Color)	4282153331 (0xFF3C7973)
YUV	102.0770, 6.3710, -36.9015
Hunter-Lab	39.8412, -16.8755, 0.1171

Details


The Hex color **3C7973** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **793C42**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70AEA7**, and **004843** is the 20% darker color. If you saturate the color by 10%, you get **307972**, and if you desaturate by 10%, it is **487974**.

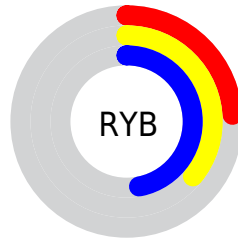
Distribution



 Red (24%)

 Green (47%)

 Blue (45%)




 Red (24%)

 Yellow (36%)

 Blue (47%)

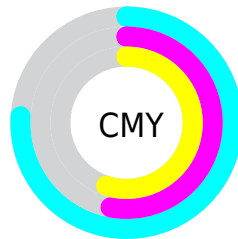


 Cyan (50%)

 Magenta (0%)

 Yellow (5%)

 Black (53%)



 Cyan (76%)

 Magenta (53%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7973 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 3C7973 by changing the saturation by 10% instead.



3C7973



3C7973

FFFFFF



21605A



70AEA7



004843



8BC9C2



00312D



A6E5DE



001E18



C2FFFA



000000



DFFFFF



FCFFFF



3C7973



3C7973



307972



487974

■ 247971

■ 547975

■ 18796F

■ 607977

■ 0C796E

■ 6C7978

■ 00796D

■ 787979

■ 85797A

■ 91797B

■ 9D797D

■ A9797E

Harmonies

Analogous

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



4E7861



3C7973



367884

Triad

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



3C7973



77698C



87694E

Complementary

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



3C7973



793C42

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.



91645A



3C7973



8A637D

Square

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



3C7973



5E6F92



93626B



776F4B

Rectangle

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



3C7973



3E768D



93626B



8C6751

Sweetspot

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



3C7973



869E9C



42793C



414F4E



CFCFCF



4F4F4F

Same Dimension

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



3C7973



3F9E95



3C6179



373D3D



007D71



00FCE4

Inverse Universe

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



793C42



9E3F49



79543C



3D3738



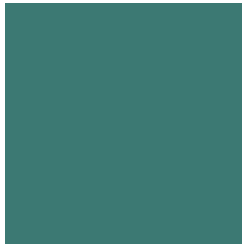
7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 3C7973 looks on a white background.

Color Contrast Check

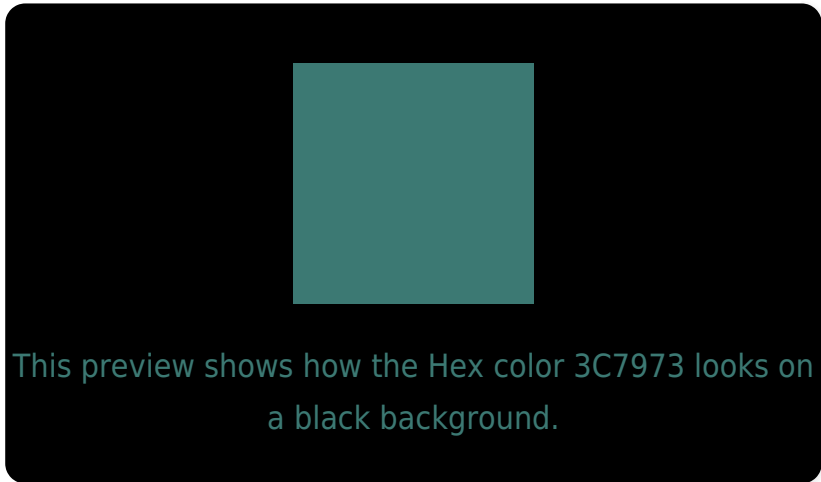
Large Text (above 18pt) WCAG AA ✓ Pass

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

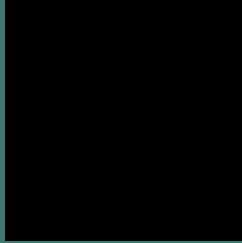
Any Text WCAG AA × Fail

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 3C7973 Background



This preview shows how black text looks on a background with the Hex color 3C7973.

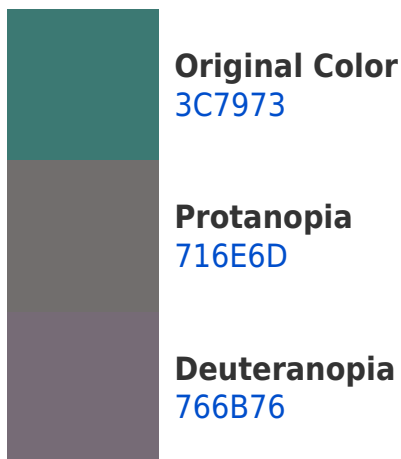


This preview shows how white text looks on a background with the Hex color 3C7973.

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](#).

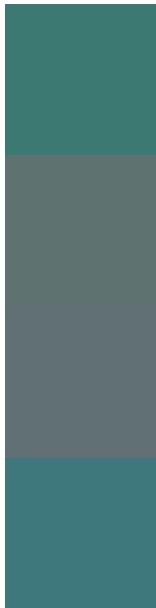
Dichromacy





Tritanopia
407781

Trichromacy



Original Color
3C7973

Protanomaly
5E726F

Deuteranomaly
617075

Tritanomaly
3F787C

Monochromacy



Original Color
3C7973

Achromatopsia
666666

Achromatomaly
576D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7973 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 #3C7973 looks like.

```
.text, #text, p{  
    color:#3C7973  
}
```

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 #3C7973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7973
}
```

Border

The CSS property to change the border of an element to Hex 3C7973 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
#3C7973 }
```

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

```
.border{ border-color:#3C7973 }
```

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

Here you see how a box with a 4 pixel #3C7973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7973; -webkit-box-shadow:4px 4px  
4px 4px #3C7973; box-shadow:4px 4px 4px  
4px #3C7973 }
```

Background

The CSS property to change the background color of an element to Hex 3C7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7973 }
```

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

```
.background{ background-color:#3C7973 }
```

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