

Converting Colors

Hex(3C7868)

Have a look what the booklet for
Hex(3C7868) contains.

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Color

Hex(3C7868)

Conversions

Conversions Part 1

Format	Color
Hex	3C7868
RGB	60, 120, 104
RGB Percent	24%, 47%, 41%
CMY	0.7647, 0.5294, 0.5922
CMYK	0.50, 0.00, 0.13, 0.53
HSL	164°, 33%, 35%
HSV	164°, 50%, 47%
XYZ	11.0786, 15.3931, 15.4840
YIQ	100.2360, -30.6240, -17.6960

Conversions

Conversions Part 2

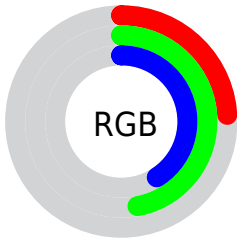
Format	Color
RYB	60, 95, 120
Decimal	3962984
CIELab	46.17, -23.72, 2.79
CIELCh	46, 23.888, 173.285
Yxy	15.3931, 0.2641, 0.3669
Android (android.graphics.Color)	4282153064 (0xFF3C7868)
YUV	100.2360, 1.8557, -35.2870
Hunter-Lab	39.2340, -18.2559, 4.0646

Details

The Hex color **3C7868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **783C4C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70AD9B**, and **014739** is the 20% darker color. If you saturate the color by 10%, you get **307865**, and if you desaturate by 10%, it is **48786B**.

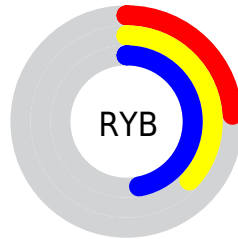
Distribution



Red (24%)

Green (47%)

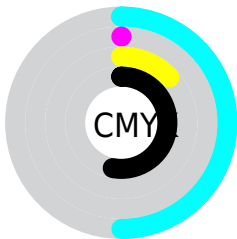
Blue (41%)



Red (24%)

Yellow (37%)

Blue (47%)

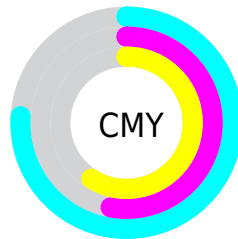


Cyan (50%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7868 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 3C7868 by changing the saturation by 10% instead.



3C7868



3C7868

FFFFFF



225F50



70AD9B



014739



8AC8B6



003024



A5E4D1



001D0E



C1FFEE



000000



DEFFFF



FBFFFF



3C7868



3C7868



307865



48786B

■ 247862

■ 54786E

■ 18785E

■ 607872

■ 0C785B

■ 6C7875

■ 007858

■ 787878

■ 84787B

■ 90787E

■ 9C7882

■ A87885

Harmonies

Analogous

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



547655



3C7868



29787C

Triad

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



3C7868



6A6A92



8E644E

Complementary

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



3C7868



783C4C

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.



955F5F



3C7868



826385

Square

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



3C7868



4B7195



915F73



7F6B46

Rectangle

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



3C7868



2A7788



915F73



916253

Sweetspot

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



3C7868



849C95



4C783C



414F4B



CFCFCF



4F4F4F

Same Dimension

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



3C7868



3E9C83



3C6A78



373D3C



007D5C



00FCB9

Inverse Universe

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



783C4C



9C3E57



784A3C



3D3739



7D0021



FC0043

Previews

White Background



This preview shows how the Hex color 3C7868 looks on a white background.

Color Contrast Check

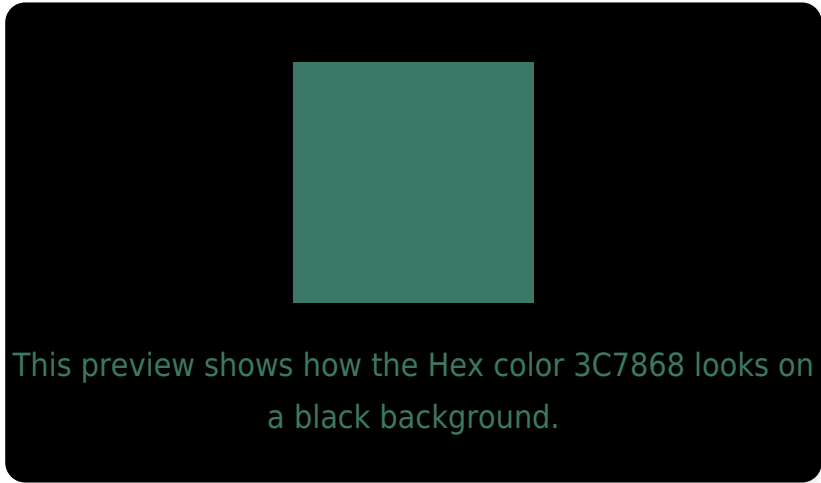
Large Text (above 18pt) WCAG AA ✓ Pass

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

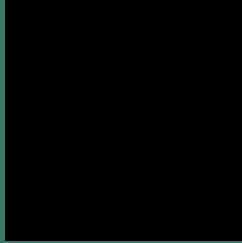
Any Text WCAG AA × Fail

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 3C7868 Background



This preview shows how black text looks on a background with the Hex color 3C7868.

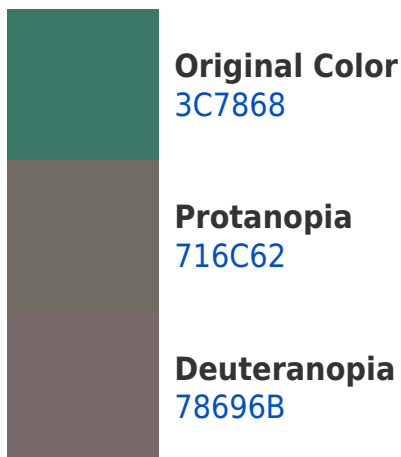


This preview shows how white text looks on a background with the Hex color 3C7868.

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
43757E

Trichromacy



Original Color
3C7868

Protanomaly
5E7064

Deuteranomaly
626E6A

Tritanomaly
407676

Monochromacy



Original Color
3C7868

Achromatopsia
646464

Achromatomaly
556B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7868 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 #3C7868 looks like.

```
.text, #text, p{  
    color:#3C7868  
}
```

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 #3C7868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7868
}
```

Border

The CSS property to change the border of an element to Hex 3C7868 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
#3C7868 }
```

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

```
.border{ border-color:#3C7868 }
```

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

Here you see how a box with a 4 pixel #3C7868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7868; -webkit-box-shadow:4px 4px  
4px 4px #3C7868; box-shadow:4px 4px 4px  
4px #3C7868 }
```

Background

The CSS property to change the background color of an element to Hex 3C7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7868 }
```

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

```
.background{ background-color:#3C7868 }
```

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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