

Converting Colors

Hex(3D7874)

Have a look what the booklet for
Hex(3D7874) contains.

Hex(3D7874)	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(3D7874)

Conversions

Conversions Part 1

Format	Color
Hex	3D7874
RGB	61, 120, 116
RGB Percent	24%, 47%, 45%
CMY	0.7608, 0.5294, 0.5451
CMYK	0.49, 0.00, 0.03, 0.53
HSL	176°, 33%, 35%
HSV	176°, 49%, 47%
XYZ	11.7933, 15.6860, 18.9291
YIQ	101.9030, -33.8800, -13.7520

Conversions

Conversions Part 2

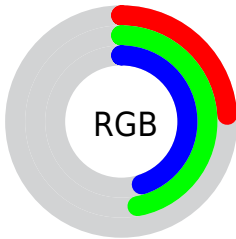
Format	Color
R _{YB}	61, 92, 120
Decimal	4028532
CIE _{Lab}	46.56, -20.27, -3.76
CIE _{LCh}	47, 20.616, 190.512
Yxy	15.6860, 0.2541, 0.3380
Android (android.graphics.Color)	4282218612 (0xFF3D7874)
YUV	101.9030, 6.9498, -35.8719
Hunter-Lab	39.6055, -16.1579, -0.6132

Details

The Hex color **3D7874** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **783D41**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **71ADA8**, and **004744** is the 20% darker color. If you saturate the color by 10%, you get **317873**, and if you desaturate by 10%, it is **497875**.

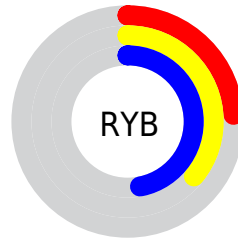
Distribution



Red (24%)

Green (47%)

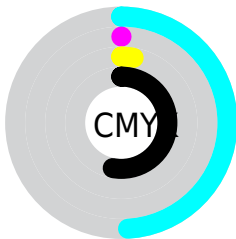
Blue (45%)



Red (24%)

Yellow (36%)

Blue (47%)

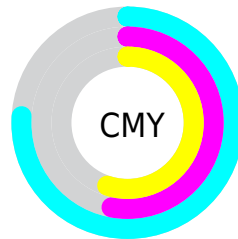


Cyan (49%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7874 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 3D7874 by changing the saturation by 10% instead.



3D7874



3D7874

FFFFFF



225F5B



71ADA8



004744



8CC8C3



00302E



A7E4DF



001D19



C3FFFC



000000



E0FFFF

FDFFFF



3D7874



3D7874



317873



497875

■ 257872

■ 557876

■ 197872

■ 617876

■ 0D7871

■ 6D7877

■ 017870

■ 797878

■ 007870

■ 857879

■ 91787A

■ 9D787B

■ A9787B

Harmonies

Analogous

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



4D7762



3D7874



397784

Triad

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



3D7874



796889



85694E

Complementary

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



3D7874



783D41

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.



8F6459



3D7874



89637A

Square

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



3D7874



616E90



916269



756F4C

Rectangle

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



3D7874



42758C



916269



896751

Sweetspot

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



3D7874



849C9A



42783D



414F4E



CFCFCF



4F4F4F

Same Dimension

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



3D7874



409C95



3D5F78



373D3D



007D74



00FCEB

Inverse Universe

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



783D41



9C4046



78563D



3D3737



7D0008



FC0011

Previews

White Background



This preview shows how the Hex color 3D7874 looks on a white background.

Color Contrast Check

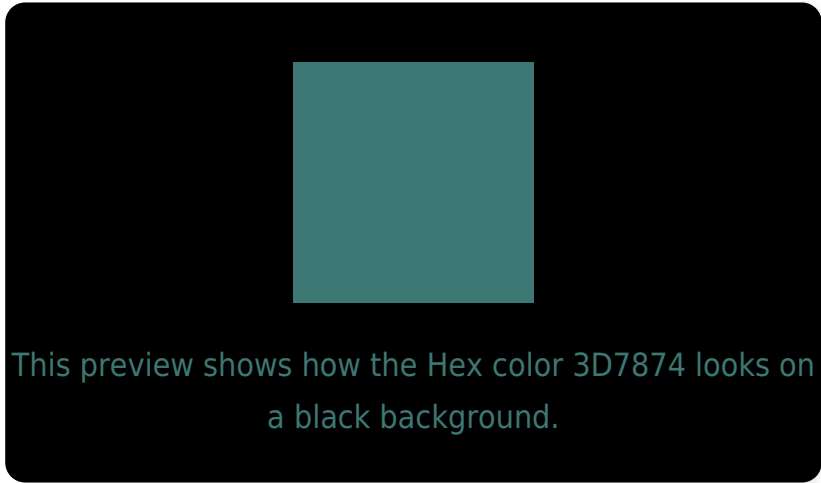
Large Text (above 18pt) WCAG AA ✓ Pass

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

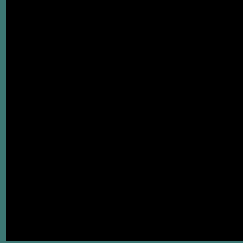
Any Text WCAG AA × Fail

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 3D7874 Background



This preview shows how black text looks on a background with the Hex color 3D7874.

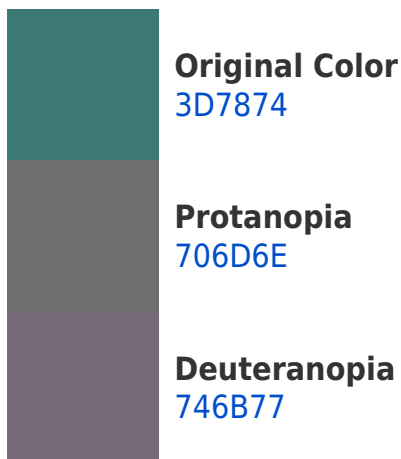


This preview shows how white text looks on a background with the Hex color 3D7874.

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](#).

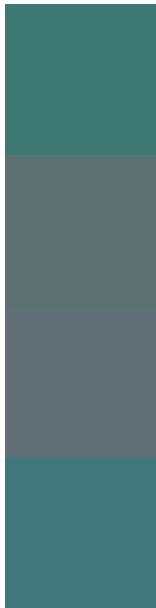
Dichromacy





Tritanopia
417680

Trichromacy



Original Color
3D7874

Protanomaly
5D7170

Deuteranomaly
607076

Tritanomaly
40777C

Monochromacy



Original Color
3D7874

Achromatopsia
666666

Achromatomaly
576D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7874 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 #3D7874 looks like.

```
.text, #text, p{  
    color:#3D7874  
}
```

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 #3D7874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7874
}
```

Border

The CSS property to change the border of an element to Hex 3D7874 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
#3D7874 }
```

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

```
.border{ border-color:#3D7874 }
```

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

Here you see how a box with a 4 pixel #3D7874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7874; -webkit-box-shadow:4px 4px  
4px 4px #3D7874; box-shadow:4px 4px 4px  
4px #3D7874 }
```

Background

The CSS property to change the background color of an element to Hex 3D7874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7874 }
```

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

```
.background{ background-color:#3D7874 }
```

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