

# Converting Colors

Hex(3D7971)

Have a look what the booklet for  
Hex(3D7971) contains.

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# Color

**Hex(3D7971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D7971
RGB	61, 121, 113
RGB Percent	24%, 47%, 44%
CMY	0.7608, 0.5255, 0.5569
CMYK	0.50, 0.00, 0.07, 0.53
HSL	172°, 33%, 36%
HSV	172°, 50%, 47%
XYZ	11.7425, 15.8591, 18.0650
YIQ	102.1480, -33.1920, -15.2080

# Conversions

## Conversions Part 2

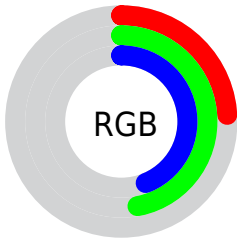
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 93, 121
Decimal	4028785
CIE <sub>Lab</sub>	46.79, -21.62, -1.64
CIE <sub>LCh</sub>	47, 21.679, 184.341
Y <sub>xy</sub>	15.8591, 0.2571, 0.3473
Android (android.graphics.Color)	4282218865 (0xFF3D7971)
YUV	102.1480, 5.3500, -36.0868
Hunter-Lab	39.8235, -17.0580, 0.9809

# Details

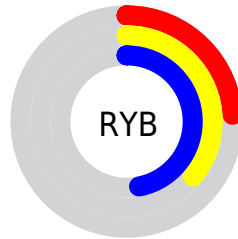
The Hex color **3D7971** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **793D45**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **71AEA5**, and **004841** is the 20% darker color. If you saturate the color by 10%, you get **31796F**, and if you desaturate by 10%, it is **497973**.

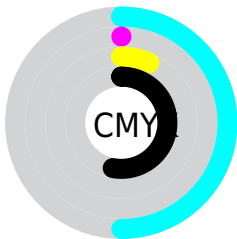
# Distribution



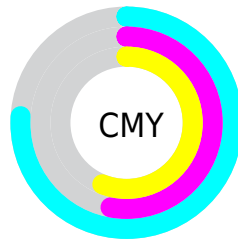
- Red (24%)
- Green (47%)
- Blue (44%)



- Red (24%)
- Yellow (36%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D7971 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 3D7971 by changing the saturation by 10% instead.



 3D7971

 3D7971

FFFFFF

 226059

 71AEA5

 004841

 8CC9C0

 00312B

 A7E5DC

 001E17

 C3FFF8


 000000

 DFFFFF

FDFFFF

 3D7971

 3D7971

 31796F

 497973

■ 25796E

■ 557974

■ 19796C

■ 617976

■ 0D796B

■ 6D7977

■ 017969

■ 7A7979

■ 007969

■ 86797B

■ 92797C

■ 9E797E

■ AA7980

# Harmonies

## Analogous

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



50785F



3D7971



357883

# Triad

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



3D7971



75698D



89684F

# Complementary

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



3D7971



793D45

# 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.



92635B



3D7971



88647F

# Square

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



3D7971



5B7093



92616D



796F4B

# Rectangle

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



3D7971



3B768C



92616D



8D6652



# Sweetspot

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



3D7971



869E9B



45793D



414F4D



CFCFCF



4F4F4F



# Same Dimension

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



3D7971



3F9E91



3D6379



373D3C



007D6C



00FCDB



# Inverse Universe

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



793D45



9E3F4C



79533D



3D3738



7D0011



FC0022



# Previews

## White Background



This preview shows how the Hex color 3D7971 looks on a white background.

## Color Contrast Check

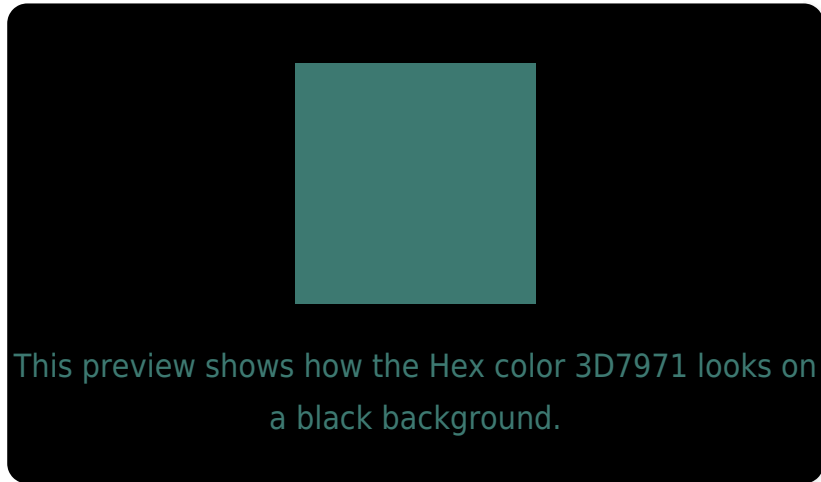
Large Text (above 18pt) WCAG AA ✓ Pass

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

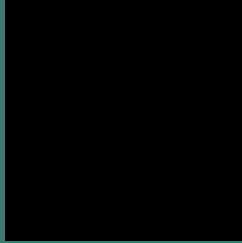
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

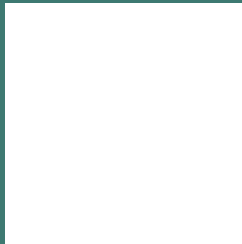
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D7971 Background



This preview shows how black text looks on a background with the Hex color 3D7971.

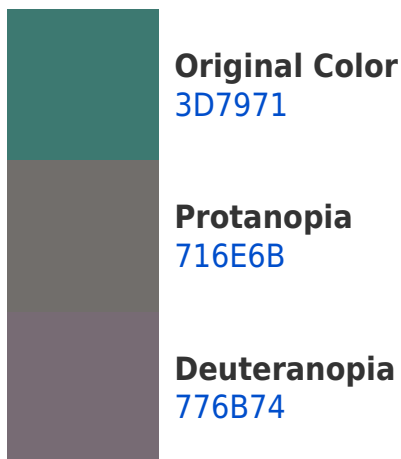


This preview shows how white text looks on a background with the Hex color 3D7971.

# 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](#).

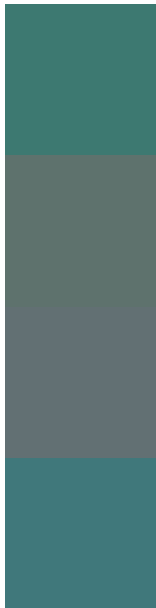
## Dichromacy





**Tritanopia**  
427780

# Trichromacy



**Original Color**  
3D7971

**Protanomaly**  
5E726D

**Deuteranomaly**  
627073

**Tritanomaly**  
40787B

# Monochromacy



**Original Color**  
3D7971

**Achromatopsia**  
666666

**Achromatomaly**  
576D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D7971 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 #3D7971 looks like.

```
.text, #text, p{  
    color:#3D7971  
}
```

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 #3D7971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7971
}
```

## Border

The CSS property to change the border of an element to Hex 3D7971 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
#3D7971 }
```

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

```
.border{ border-color:#3D7971 }
```

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

Here you see how a box with a 4 pixel #3D7971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7971; -webkit-box-shadow:4px 4px  
4px 4px #3D7971; box-shadow:4px 4px 4px  
4px #3D7971 }
```

# Background

The CSS property to change the background color of an element to Hex 3D7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7971 }
```

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

```
.background{ background-color:#3D7971 }
```

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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