

Converting Colors

Hex(3C7964)

Have a look what the booklet for
Hex(3C7964) contains.

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Color

Hex(3C7964)

Conversions

Conversions Part 1

Format	Color
Hex	3C7964
RGB	60, 121, 100
RGB Percent	24%, 47%, 39%
CMY	0.7647, 0.5255, 0.6078
CMYK	0.50, 0.00, 0.17, 0.53
HSL	159°, 34%, 35%
HSV	159°, 50%, 47%
XYZ	11.0011, 15.5555, 14.4793
YIQ	100.3670, -29.6150, -19.4630

Conversions

Conversions Part 2

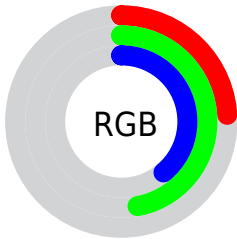
Format	Color
RYB	60, 97, 121
Decimal	3963236
CIELab	46.39, -25.23, 5.48
CIElCh	46, 25.822, 167.753
Yxy	15.5555, 0.2681, 0.3791
Android (android.graphics.Color)	4282153316 (0xFF3C7964)
YUV	100.3670, -0.1809, -35.4019
Hunter-Lab	39.4405, -19.2319, 5.8419

Details

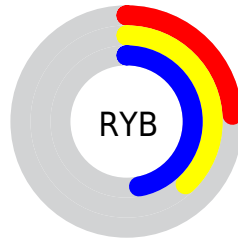
The Hex color **3C7964** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **793C51**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70AE97**, and **014835** is the 20% darker color. If you saturate the color by 10%, you get **307960**, and if you desaturate by 10%, it is **487968**.

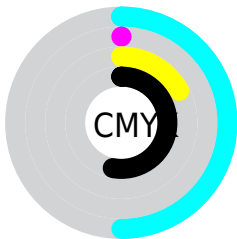
Distribution



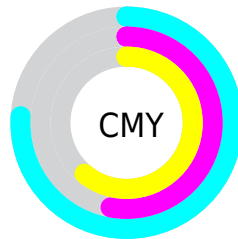
- Red (24%)
- Green (47%)
- Blue (39%)



- Red (24%)
- Yellow (38%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7964 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 3C7964 by changing the saturation by 10% instead.

 3C7964

 3C7964

FFFFFF

 22604C

 70AE97

 014835

 8AC9B1

 003120

 A5E5CD

 001E09

 C1FFE9

 000000

 DEFFFF

 FBFFFF

 3C7964

 3C7964

 307960

 487968

■ 24795C

■ 54796C

■ 187958

■ 607970

■ 0C7953

■ 6C7975

■ 00794F

■ 787979

■ 85797D

■ 917981

■ 9D7985

■ A97989

Harmonies

Analogous

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



577650



3C7964



227A7A

Triad

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



3C7964



646C97



93624F

Complementary

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



3C7964



793C51

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.



995E62



3C7964



80648B

Square

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



3C7964



417398



935E78



846A44

Rectangle

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



3C7964



1C7888



935E78



966054

Sweetspot

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



3C7964



869E96



51793C



414F4A



CFCFCF



4F4F4F

Same Dimension

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



3C7964



3F9E7D



3C7079



373D3B



007D52



00FCA6

Inverse Universe

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



793C51



9E3F60



79453C



3D3739



7D002B



FC0057

Previews

White Background



This preview shows how the Hex color 3C7964 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

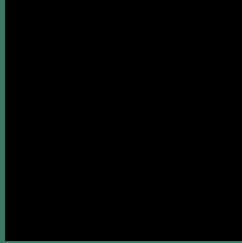
Any Text WCAG AA × Fail

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 3C7964 Background



This preview shows how black text looks on a background with the Hex color 3C7964.



This preview shows how white text looks on a background with the Hex color 3C7964.

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
3C7964

Protanopia
736D5E

Deuteranopia
7A6A67



Tritanopia
44757F

Trichromacy



Original Color
3C7964

Protanomaly
5F7160

Deuteranomaly
636F66

Tritanomaly
417675

Monochromacy



Original Color
3C7964

Achromatopsia
646464

Achromatomaly
556C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7964 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 #3C7964 looks like.

```
.text, #text, p{  
    color:#3C7964  
}
```

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 #3C7964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7964
}
```

Border

The CSS property to change the border of an element to Hex 3C7964 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".

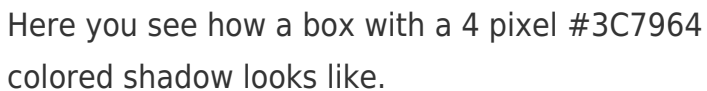
```
.border, #border, table{ border:4px solid
#3C7964 }
```

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

```
.border{ border-color:#3C7964 }
```

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

Here you see how a box with a 4 pixel #3C7964 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7964; -webkit-box-shadow:4px 4px  
4px 4px #3C7964; box-shadow:4px 4px 4px  
4px #3C7964 }
```

Background

The CSS property to change the background color of an element to Hex 3C7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7964 }
```

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

```
.background{ background-color:#3C7964 }
```

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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