

Converting Colors

Hex(3D7781)

Have a look what the booklet for
Hex(3D7781) contains.

Hex(3D7781)	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(3D7781)

Conversions

Conversions Part 1	
Format	Color
Hex	3D7781
RGB	61, 119, 129
RGB Percent	24%, 47%, 51%
CMY	0.7608, 0.5333, 0.4941
CMYK	0.53, 0.08, 0.00, 0.49
HSL	189°, 36%, 37%
HSV	189°, 53%, 51%
XYZ	12.4837, 15.7707, 23.1550
YIQ	102.7980, -37.7780, -9.1860

Conversions

Conversions Part 2

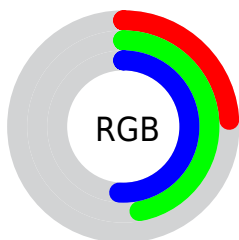
Format	Color
RYB	61, 92, 129
Decimal	4028289
CIELab	46.67, -15.98, -11.32
CIELCh	47, 19.585, 215.319
Yxy	15.7707, 0.2428, 0.3068
Android (android.graphics.Color)	4282218369 (0xFF3D7781)
YUV	102.7980, 12.9176, -36.6568
Hunter-Lab	39.7124, -13.3845, -6.7714

Details

The Hex color **3D7781** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81473D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **72ABB6**, and **004650** is the 20% darker color. If you saturate the color by 10%, you get **307581**, and if you desaturate by 10%, it is **4A7981**.

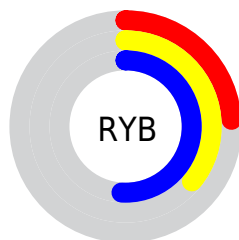
Distribution



Red (24%)

Green (47%)

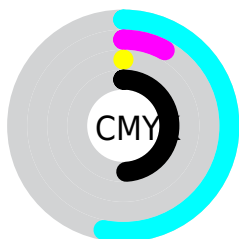
Blue (51%)



Red (24%)

Yellow (36%)

Blue (51%)

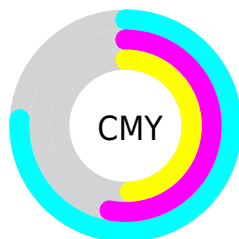


Cyan (53%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7781 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 3D7781 by changing the saturation by 10% instead.



3D7781



3D7781

FFFFFF



215E68



72ABB6



004650



8DC7D1



003039



A8E3EE



001C23



C4FFFF



00010D



E1FFFF



000000

FEFFFF



3D7781




3D7781



307581



4A7981

 237381 577B81 167181 647D81 096F81 717F81 006E81 7E8081 8A8281 978481 A48681 B18881

Harmonies

Analogous

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



437871



3D7781



48748C

Triad

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



3D7781



86657D



786E4E

Complementary

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



3D7781



81473D

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.



866951



3D7781



8F636C

Square

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



3D7781



756989



8F645C



667353

Rectangle

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



3D7781



56718F



8F645C



7D6D4E

Sweetspot

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



3D7781



8DA4A8



3D8146



445254



D4D4D4



545454

Same Dimension

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



3D7781



3E99A8



3D5681



393F40



006D80



000000

Inverse Universe

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



813D77



A83E99



81683D



40393F



80006D



000000

Previews

White Background



This preview shows how the Hex color 3D7781 looks on a white background.

Color Contrast Check

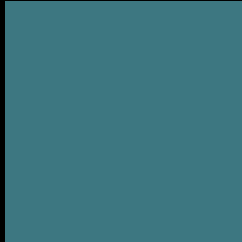
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3D7781 looks on a 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 3D7781 Background



This preview shows how black text looks on a background with the Hex color 3D7781.

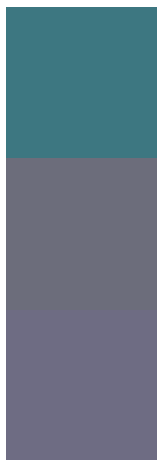


This preview shows how white text looks on a background with the Hex color 3D7781.

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](#).

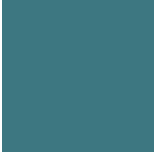
Dichromacy



Original Color
3D7781

Protanopia
6C6D7B

Deuteranopia
6E6C83






Tritanopia
3D7781

Trichromacy

	Original Color 3D7781
	Protanomaly 5B717D
	Deuteranomaly 5C7082
	Tritanomaly 3D7781

Monochromacy

	Original Color 3D7781
	Achromatopsia 676767
	Achromatomaly 586D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7781 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 #3D7781 looks like.

```
.text, #text, p{  
    color:#3D7781  
}
```

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 #3D7781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7781
}
```

Border

The CSS property to change the border of an element to Hex 3D7781 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
#3D7781 }
```

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

```
.border{ border-color:#3D7781 }
```

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

Here you see how a box with a 4 pixel #3D7781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7781; -webkit-box-shadow:4px 4px  
4px 4px #3D7781; box-shadow:4px 4px 4px  
4px #3D7781 }
```

Background

The CSS property to change the background color of an element to Hex 3D7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7781 }
```

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

```
.background{ background-color:#3D7781 }
```

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