

Converting Colors

Hex(3D8F81)

Have a look what the booklet for
Hex(3D8F81) contains.

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Color

Hex(3D8F81)

Conversions

Conversions Part 1

Format	Color
Hex	3D8F81
RGB	61, 143, 129
RGB Percent	24%, 56%, 51%
CMY	0.7608, 0.4392, 0.4941
CMYK	0.57, 0.00, 0.10, 0.44
HSL	170°, 40%, 40%
HSV	170°, 57%, 56%
XYZ	15.7094, 22.2220, 24.2302
YIQ	116.8860, -44.3780, -21.7380

Conversions

Conversions Part 2

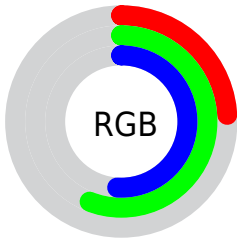
Format	Color
RYB	61, 106, 143
Decimal	4034433
CIELab	54.26, -28.46, -0.06
CIELCh	54, 28.457, 180.115
Yxy	22.2220, 0.2527, 0.3575
Android (android.graphics.Color)	4282224513 (0xFF3D8F81)
YUV	116.8860, 5.9722, -49.0120
Hunter-Lab	47.1402, -23.0106, 2.5230

Details

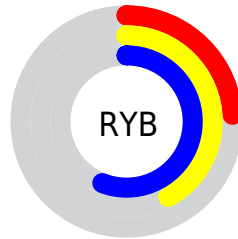
The Hex color **3D8F81** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F3D4B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **74C5B6**, and **005C50** is the 20% darker color. If you saturate the color by 10%, you get **2F8F7F**, and if you desaturate by 10%, it is **4B8F83**.

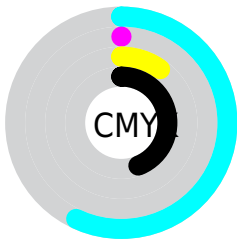
Distribution



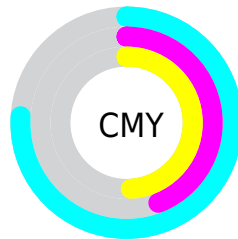
- Red (24%)
- Green (56%)
- Blue (51%)



- Red (24%)
- Yellow (42%)
- Blue (56%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8F81 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 3D8F81 by changing the saturation by 10% instead.



3D8F81



3D8F81

FFFFFF



1E7568



74C5B6



005C50



90E1D1



004439



ACFEEE



002D24



C8FFFF



00180E



E5FFFF



000000



3D8F81



3D8F81



2F8F7F



4B8F83



208F7C



5A8F86

■ 128F7A

■ 688F88

■ 048F77

■ 768F8B

■ 008F77

■ 858F8D

■ 938F90

■ A18F92

■ AF8F95

■ BE8F97

Harmonies

Analogous

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



5B8D68



3D8F81



278E9A

Triad

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



3D8F81



857BAC



A67858

Complementary

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



3D8F81



8F3D4B

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.



B1716A



3D8F81



A1739B

Square

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



3D8F81



6084B3



B06F83



928050

Rectangle

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



3D8F81



2F8CA7



B06F83



AB755D

Sweetspot

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



3D8F81



9BBAB5



4C8F3D



4B5E5B



DEDEDE



5E5E5E

Same Dimension

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



3D8F81



3ABAA4



3D758F



404746



008770



000806

Inverse Universe

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



8F3D4B



BA3A50



8F573D



474041



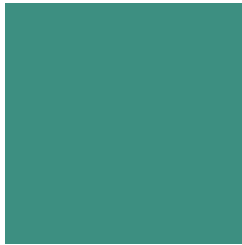
870017



080001

Previews

White Background



This preview shows how the Hex color 3D8F81 looks on a white background.

Color Contrast Check

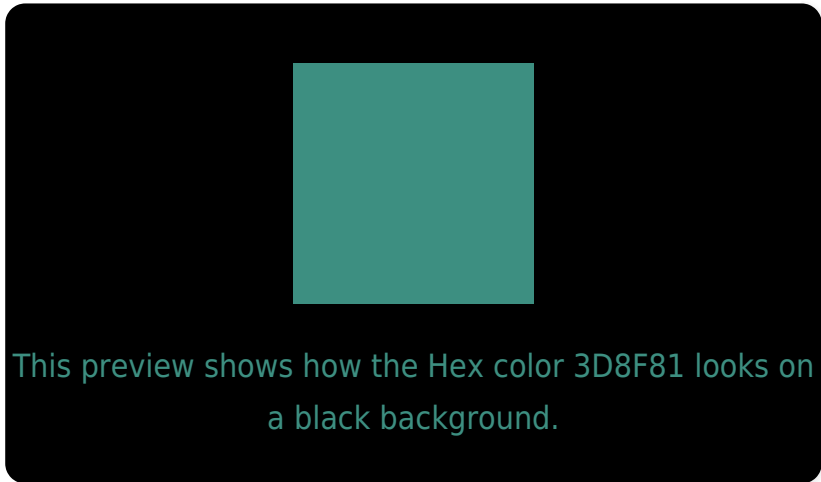
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 3D8F81 Background



This preview shows how black text looks on a background with the Hex color 3D8F81.

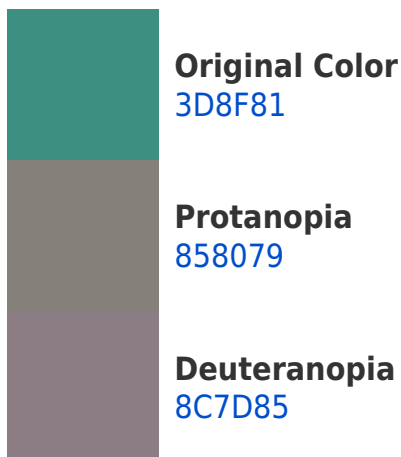


This preview shows how white text looks on a background with the Hex color 3D8F81.

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
458C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8F81 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 #3D8F81 looks like.

```
.text, #text, p{  
    color:#3D8F81  
}
```

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 #3D8F81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8F81
}
```

Border

The CSS property to change the border of an element to Hex 3D8F81 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
#3D8F81 }
```

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

```
.border{ border-color:#3D8F81 }
```

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

Here you see how a box with a 4 pixel #3D8F81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8F81; -webkit-box-shadow:4px 4px  
4px 4px #3D8F81; box-shadow:4px 4px 4px  
4px #3D8F81 }
```

Background

The CSS property to change the background color of an element to Hex 3D8F81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8F81 }
```

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

```
.background{ background-color:#3D8F81 }
```

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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