

Converting Colors

Hex(3D9F7C)

Have a look what the booklet for
Hex(3D9F7C) contains.

Hex(3D9F7C)	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(3D9F7C)

Conversions

Conversions Part 1

Format	Color
Hex	3D9F7C
RGB	61, 159, 124
RGB Percent	24%, 62%, 49%
CMY	0.7608, 0.3765, 0.5137
CMYK	0.62, 0.00, 0.22, 0.38
HSL	159°, 45%, 43%
HSV	159°, 62%, 62%
XYZ	17.9607, 27.2436, 23.3807
YIQ	125.7080, -47.1730, -31.6610

Conversions

Conversions Part 2

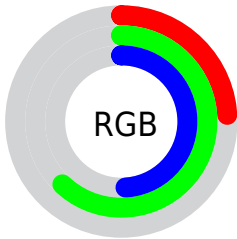
Format	Color
RYB	61, 121, 159
Decimal	4038524
CIELab	59.20, -37.21, 9.89
CIElCh	59, 38.503, 165.118
Yxy	27.2436, 0.2619, 0.3972
Android (android.graphics.Color)	4282228604 (0xFF3D9F7C)
YUV	125.7080, -0.8420, -56.7489
Hunter-Lab	52.1954, -29.9193, 9.9781

Details

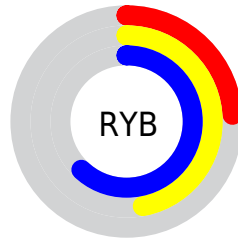
The Hex color **3D9F7C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F3D60**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **76D6B1**, and **006B4B** is the 20% darker color. If you saturate the color by 10%, you get **2D9F76**, and if you desaturate by 10%, it is **4D9F82**.

Distribution



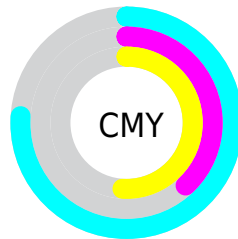
- Red (24%)
- Green (62%)
- Blue (49%)



- Red (24%)
- Yellow (47%)
- Blue (62%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9F7C 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 3D9F7C by changing the saturation by 10% instead.



3D9F7C



3D9F7C

FFFFFF



1B8463



76D6B1



006B4B



92F3CC



005234



AFFFE8



003A1F



CBFFFF



002508



E9FFFF



000000



3D9F7C



3D9F7C



2D9F76



4D9F82



1D9F71



5D9F87

 0D9F6B

 6D9F8D

 009F66

 7D9F93

 8D9F98

 9C9F9E

 AC9FA4

 BC9FA9

 CC9FAF

Harmonies

Analogous

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



6D9A5D



3D9F7C



00A09F

Triad

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



3D9F7C



778CD0



C87B60

Complementary

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



3D9F7C



9F3D60

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.



CF747F



3D9F7C



A77FBE

Square

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



3D9F7C



3197CF



C575A1



B2874D

Rectangle

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



3D9F7C



009FB4



C575A1



CC7869

Sweetspot

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



3D9F7C



A9CFC1



619F3D



526960



E8E8E8



696969

Same Dimension

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



3D9F7C



36CF98



3D929F



474F4C



008F5C



000F0A

Inverse Universe

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



9F3D60



CF366C



9F4A3D



4F474A



8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 3D9F7C looks on a white background.

Color Contrast Check

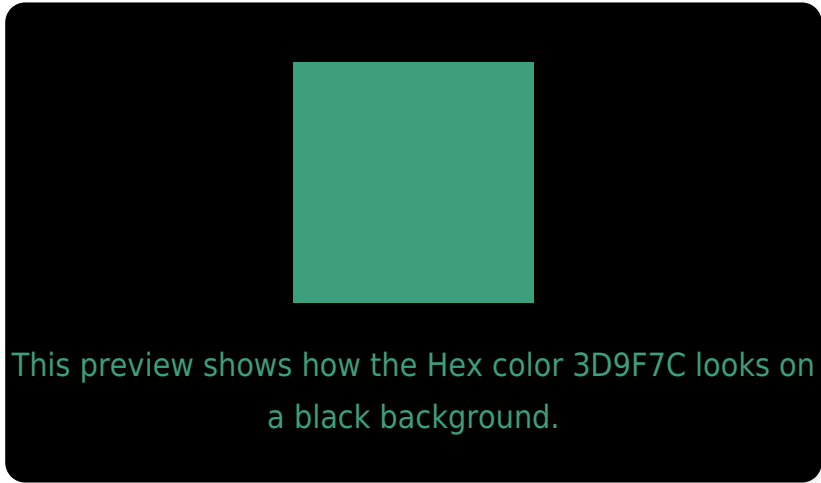
Large Text (above 18pt) WCAG AA ✓ Pass

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

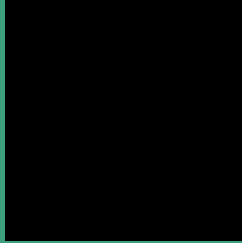
Any Text WCAG AA ✓ Pass

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 3D9F7C Background



This preview shows how black text looks on a background with the Hex color 3D9F7C.

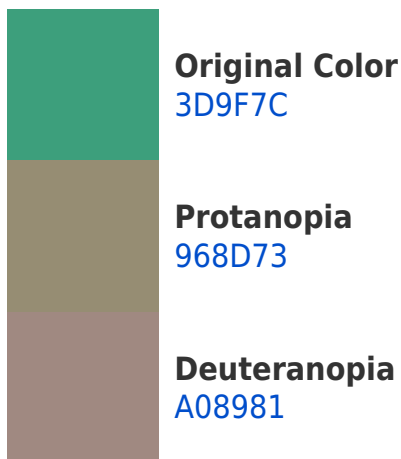


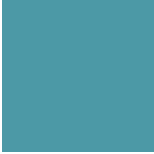
This preview shows how white text looks on a background with the Hex color 3D9F7C.

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
4C99A6

Trichromacy



Original Color
3D9F7C



Protanomaly
769476



Deuteranomaly
7C917F



Tritanomaly
479B97

Monochromacy



Original Color
3D9F7C



Achromatopsia
7E7E7E



Achromatomaly
668A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9F7C 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 #3D9F7C looks like.

```
.text, #text, p{  
    color:#3D9F7C  
}
```

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 #3D9F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9F7C
}
```

Border

The CSS property to change the border of an element to Hex 3D9F7C 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
#3D9F7C }
```

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

```
.border{ border-color:#3D9F7C }
```

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

Here you see how a box with a 4 pixel #3D9F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9F7C; -webkit-box-shadow:4px 4px  
4px 4px #3D9F7C; box-shadow:4px 4px 4px  
4px #3D9F7C }
```

Background

The CSS property to change the background color of an element to Hex 3D9F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9F7C }
```

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

```
.background{ background-color:#3D9F7C }
```

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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