

Converting Colors

Hex(3D7F70)

Have a look what the booklet for
Hex(3D7F70) contains.

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Color

Hex(3D7F70)

Conversions

Conversions Part 1

Format	Color
Hex	3D7F70
RGB	61, 127, 112
RGB Percent	24%, 50%, 44%
CMY	0.7608, 0.5020, 0.5608
CMYK	0.52, 0.00, 0.12, 0.50
HSL	166°, 35%, 37%
HSV	166°, 52%, 50%
XYZ	12.4385, 17.3407, 18.0207
YIQ	105.5560, -34.5210, -18.6570

Conversions

Conversions Part 2

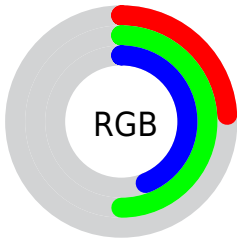
Format	Color
RYB	61, 98, 127
Decimal	4030320
CIELab	48.69, -24.97, 1.72
CIELCh	49, 25.029, 176.059
Yxy	17.3407, 0.2602, 0.3628
Android (android.graphics.Color)	4282220400 (0xFF3D7F70)
YUV	105.5560, 3.1769, -39.0756
Hunter-Lab	41.6422, -19.5560, 3.4916

Details


The Hex color **3D7F70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F3D4C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **72B4A4**, and **004D40** is the 20% darker color. If you saturate the color by 10%, you get **307F6D**, and if you desaturate by 10%, it is **4A7F73**.

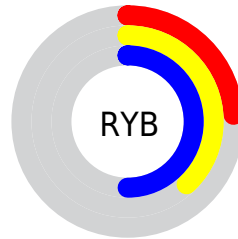
Distribution



 Red (24%)

 Green (50%)

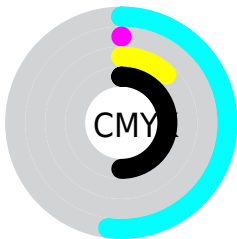
 Blue (44%)




 Red (24%)

 Yellow (38%)

 Blue (50%)

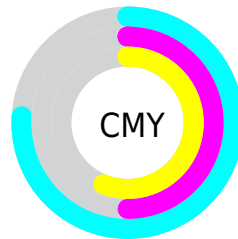


 Cyan (52%)


 Magenta (0%)

 Yellow (12%)

 Black (50%)



 Cyan (76%)

 Magenta (50%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7F70 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 3D7F70 by changing the saturation by 10% instead.



3D7F70



3D7F70

FFFFFF



226658



72B4A4



004D40



8CD0BF



00362A



A8ECDB



002116



C4FFF7



000000



E1FFFF

FEFFFF



3D7F70



3D7F70



307F6D



4A7F73

■ 247F6A

■ 567F76

■ 177F67

■ 637F79

■ 0A7F64

■ 707F7C

■ 007F62

■ 7D7F7E

■ 897F81

■ 967F84

■ A37F87

■ AF7F8A

Harmonies

Analogous

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



567D5B



3D7F70



2B7F85

Triad

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



3D7F70



736F9A



956A51

Complementary

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



3D7F70



7F3D4C

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.



9D6562



3D7F70



8C688C

Square

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



3D7F70



52779D



9B6477



857149

Rectangle

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



3D7F70



2D7D91



9B6477



996856

Sweetspot

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



3D7F70



8BA6A0



4C7F3D



445451



D4D4D4



545454

Same Dimension

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



3D7F70



3FA68E



3D6D7F



39403E



008063



000000

Inverse Universe

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



7F3D4C



A63F56



7F4F3D



40393B



80001D



000000

Previews

White Background



This preview shows how the Hex color 3D7F70 looks on a white background.

Color Contrast Check

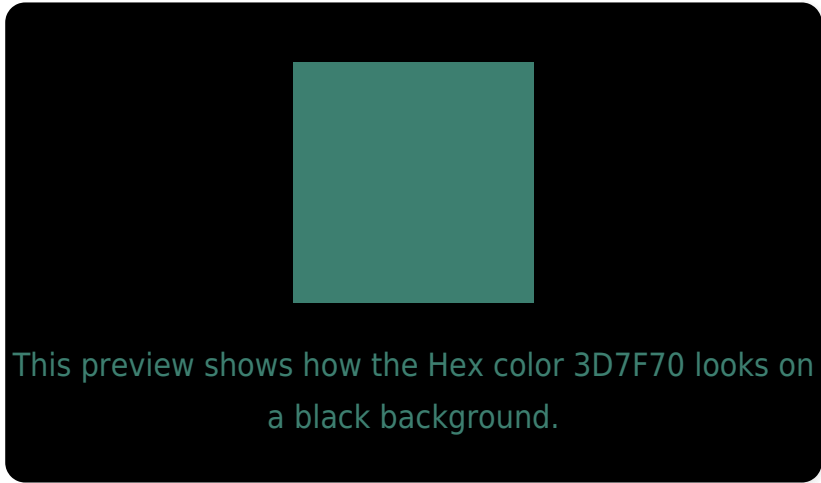
Large Text (above 18pt) WCAG AA ✓ Pass

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

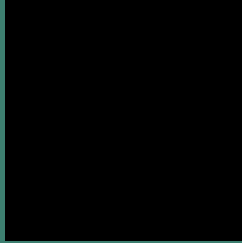
Any Text WCAG AA × Fail

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 3D7F70 Background



This preview shows how black text looks on a background with the Hex color 3D7F70.

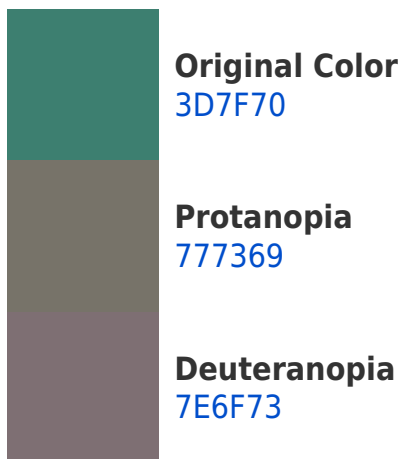



This preview shows how white text looks on a background with the Hex color 3D7F70.

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
447C86

Trichromacy



Original Color
3D7F70

Protanomaly
62776C

Deuteranomaly
667572

Tritanomaly
417D7E

Monochromacy



Original Color
3D7F70

Achromatopsia
6A6A6A

Achromatomaly
5A726C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7F70 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 #3D7F70 looks like.

```
.text, #text, p{  
    color:#3D7F70  
}
```

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 #3D7F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7F70
}
```

Border

The CSS property to change the border of an element to Hex 3D7F70 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
#3D7F70 }
```

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

```
.border{ border-color:#3D7F70 }
```

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

Here you see how a box with a 4 pixel #3D7F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7F70; -webkit-box-shadow:4px 4px  
4px 4px #3D7F70; box-shadow:4px 4px 4px  
4px #3D7F70 }
```

Background

The CSS property to change the background color of an element to Hex 3D7F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7F70 }
```

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

```
.background{ background-color:#3D7F70 }
```

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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