

# Converting Colors

Hex(3D8074)

Have a look what the booklet for  
Hex(3D8074) contains.

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# Color

Hex(3D8074)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D8074
RGB	61, 128, 116
RGB Percent	24%, 50%, 45%
CMY	0.7608, 0.4980, 0.5451
CMYK	0.52, 0.00, 0.09, 0.50
HSL	169°, 35%, 37%
HSV	169°, 52%, 50%
XYZ	12.7960, 17.6914, 19.2634
YIQ	106.5990, -36.0800, -17.9360

# Conversions

## Conversions Part 2

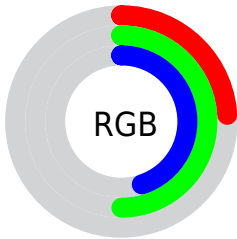
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 98, 128
Decimal	4030580
CIE <sub>Lab</sub>	49.12, -24.43, -0.00
CIE <sub>LCh</sub>	49, 24.427, 180.002
Yxy	17.6914, 0.2572, 0.3556
Android (android.graphics.Color)	4282220660 (0xFF3D8074)
YUV	106.5990, 4.6347, -39.9903
Hunter-Lab	42.0611, -19.3029, 2.2889

# Details

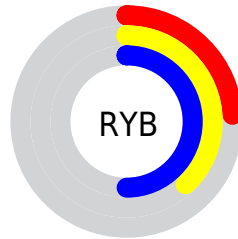
The Hex color **3D8074** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **803D49**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **72B5A8**, and **004E44** is the 20% darker color. If you saturate the color by 10%, you get **308072**, and if you desaturate by 10%, it is **4A8076**.

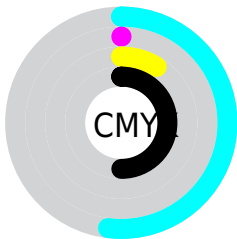
# Distribution



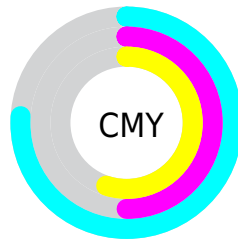
- Red (24%)
- Green (50%)
- Blue (45%)



- Red (24%)
- Yellow (38%)
- Blue (50%)



- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (76%)
- Magenta (50%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8074 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 3D8074 by changing the saturation by 10% instead.





3D8074



3D8074

FFFFFF



21675B



72B5A8



004E44



8DD1C3



00372E



A8EDDF



002219



C4FFFC



000000



E1FFFF

FEFFFF



3D8074



3D8074



308072



4A8076

■ 23806F

■ 578079

■ 17806D

■ 63807B

■ 0A806B

■ 70807D

■ 008069

■ 7D807F

■ 8A8082

■ 978084

■ A38086

■ B08089

# Harmonies

## Analogous

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



557E5F



3D8074



2F7F89

# Triad

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



3D8074



776F99



946C52

# Complementary

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



3D8074



803D49

# 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.



9D6761



3D8074



8F698A

# Square

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



3D8074



59779E



9C6576



83734B

# Rectangle

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



3D8074



347E94



9C6576



986A56



# Sweetspot

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



3D8074



8BA6A1



49803D



445451



D4D4D4



545454



# Same Dimension

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



3D8074



3DA693



3D6B80



39403F



008069



000000



# Inverse Universe

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



803D49



A63D50



80523D



40393B



800017

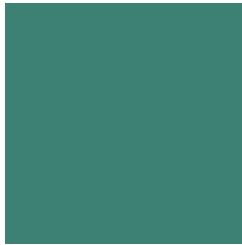


000000



# Previews

## White Background



This preview shows how the Hex color 3D8074 looks on a white background.

## Color Contrast Check

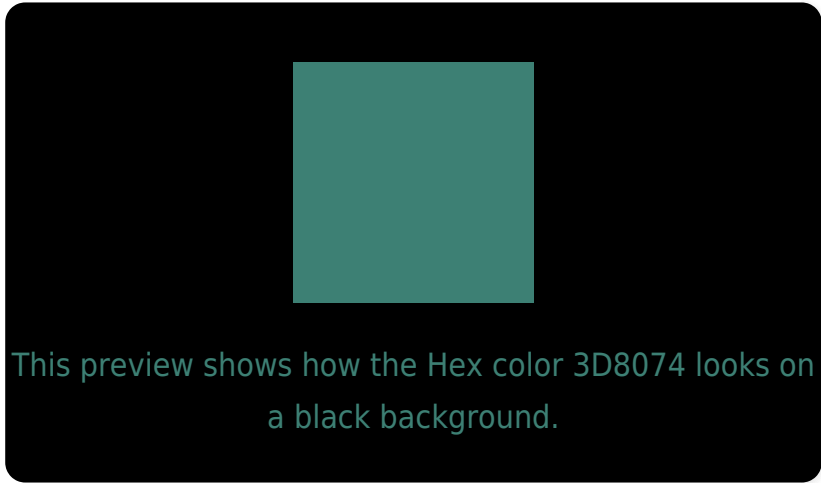
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

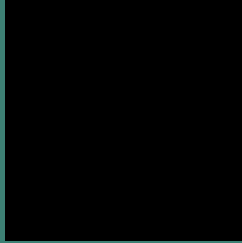
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D8074 Background



This preview shows how black text looks on a background with the Hex color 3D8074.

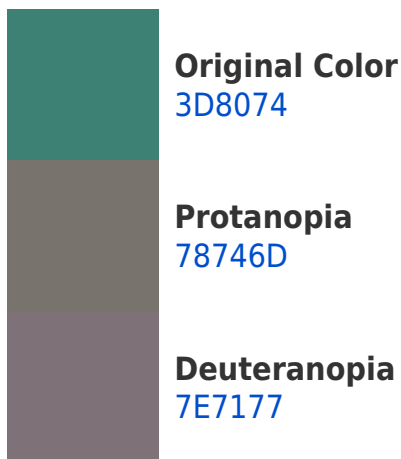



This preview shows how white text looks on a background with the Hex color 3D8074.

# 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](#).

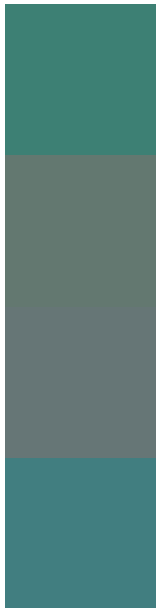
## Dichromacy





**Tritanopia**  
437D87

# Trichromacy



**Original Color**  
3D8074

**Protanomaly**  
637870

**Deuteranomaly**  
667676

**Tritanomaly**  
417E80

# Monochromacy



**Original Color**  
3D8074

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5A736E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8074 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 #3D8074 looks like.

```
.text, #text, p{  
    color:#3D8074  
}
```

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 #3D8074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8074
}
```

## Border

The CSS property to change the border of an element to Hex 3D8074 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
#3D8074 }
```

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

```
.border{ border-color:#3D8074 }
```

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

Here you see how a box with a 4 pixel #3D8074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8074; -webkit-box-shadow:4px 4px  
4px 4px #3D8074; box-shadow:4px 4px 4px  
4px #3D8074 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8074 }
```

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

```
.background{ background-color:#3D8074 }
```

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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