

# Converting Colors

Hex(408078)

Have a look what the booklet for  
Hex(408078) contains.

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**Color**

**Hex(408078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	408078
RGB	64, 128, 120
RGB Percent	25%, 50%, 47%
CMY	0.7490, 0.4980, 0.5294
CMYK	0.50, 0.00, 0.06, 0.50
HSL	172°, 33%, 38%
HSV	172°, 50%, 50%
XYZ	13.2237, 17.8844, 20.5244
YIQ	107.9520, -35.5760, -16.0560

# Conversions

## Conversions Part 2

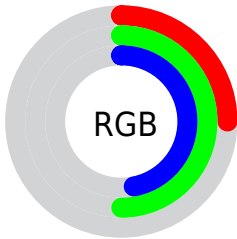
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 98, 128
Decimal	4227192
CIELab	49.36, -22.62, -1.99
CIElCh	49, 22.708, 185.033
Yxy	17.8844, 0.2561, 0.3464
Android (android.graphics.Color)	4282417272 (0xFF408078)
YUV	107.9520, 5.9397, -38.5459
Hunter-Lab	42.2899, -18.1921, 0.8280

# Details

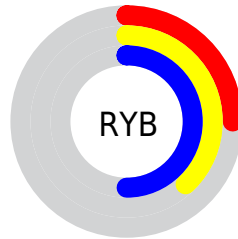
The Hex color **408078** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **804048**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **75B5AC**, and **014E48** is the 20% darker color. If you saturate the color by 10%, you get **338076**, and if you desaturate by 10%, it is **4D807A**.

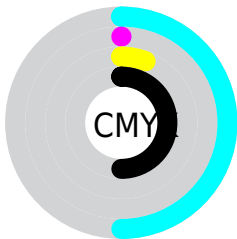
# Distribution



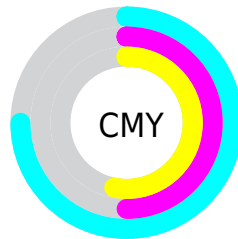
- Red (25%)
- Green (50%)
- Blue (47%)



- Red (25%)
- Yellow (38%)
- Blue (50%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (50%)



- Cyan (75%)
- Magenta (50%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 408078 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 408078 by changing the saturation by 10% instead.





408078



408078

FFFFFF



25675F



75B5AC



014E48



90D1C7



003731



ABEDE4



00221C



C7FFFF



000002



E4FFFF



000000



408078



408078



338076



4D807A



268075



5A807B

■ 1A8073

■ 66807D

■ 0D8072

■ 73807E

■ 008070

■ 808080

■ 8D8082

■ 9A8083

■ A68085

■ B38086

# Harmonies

## Analogous

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



547F64



408078



387F8B

# Triad

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



408078



7C6F95



916F53

# Complementary

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



408078



804048

# 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.



9A6960



408078



916986

# Square

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



408078



61769B



9B6773



80754F

# Rectangle

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



408078



3F7D94



9B6773



956D56



# Sweetspot

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



408078



8DA6A3



498040



455452



D4D4D4



545454



# Same Dimension

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



408078



42A699



406980



39403F



008070



000000



# Inverse Universe

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



804048



A6424F



805740



40393A



800010

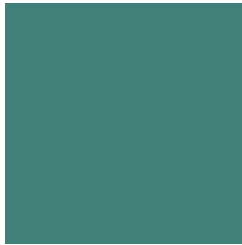


000000



# Previews

## White Background



This preview shows how the Hex color 408078 looks on a white background.

## Color Contrast Check

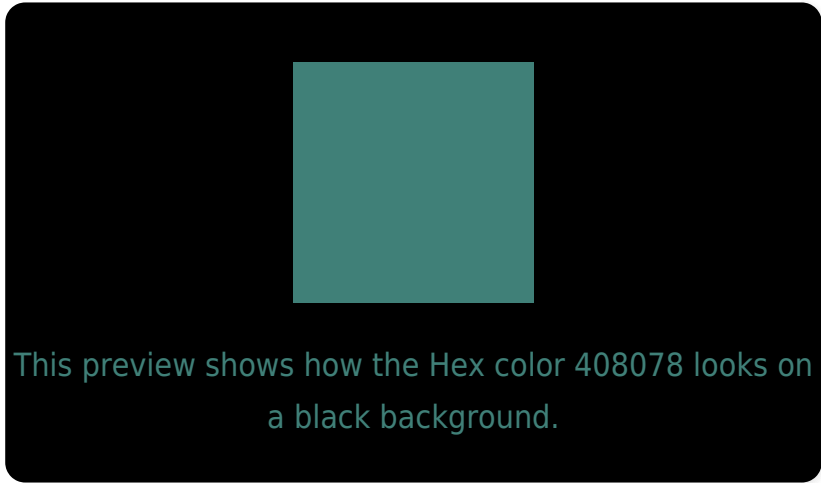
Large Text (above 18pt) WCAG AA ✓ Pass

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

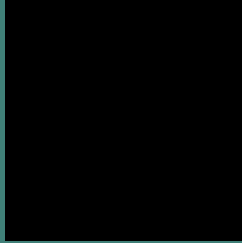
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 408078 Background



This preview shows how black text looks on a background with the Hex color 408078.

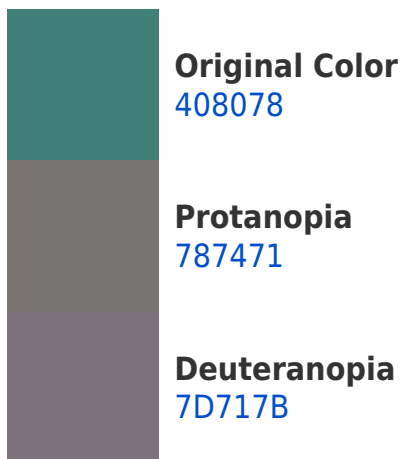


This preview shows how white text looks on a background with the Hex color 408078.

# 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](#).

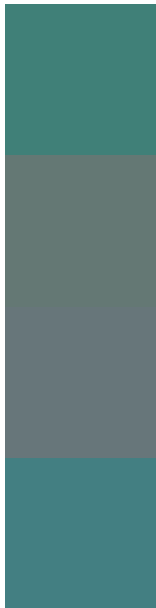
## Dichromacy





**Tritanopia**  
457E88

# Trichromacy



**Original Color**  
408078

**Protanomaly**  
647874

**Deuteranomaly**  
67767A

**Tritanomaly**  
437F82

# Monochromacy



**Original Color**  
408078

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
5C7370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 408078 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 #408078 looks like.

```
.text, #text, p{  
    color:#408078  
}
```

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 #408078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408078
}
```

## Border

The CSS property to change the border of an element to Hex 408078 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
#408078 }
```

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

```
.border{ border-color:#408078 }
```

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

Here you see how a box with a 4 pixel #408078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408078; -webkit-box-shadow:4px 4px  
4px 4px #408078; box-shadow:4px 4px 4px  
4px #408078 }
```

# Background

The CSS property to change the background color of an element to Hex 408078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408078 }
```

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

```
.background{ background-color:#408078 }
```

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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