

# Converting Colors

Hex(407F72)

Have a look what the booklet for  
Hex(407F72) contains.

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**Color**

**Hex(407F72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	407F72
RGB	64, 127, 114
RGB Percent	25%, 50%, 45%
CMY	0.7490, 0.5020, 0.5529
CMYK	0.50, 0.00, 0.10, 0.50
HSL	168°, 33%, 37%
HSV	168°, 50%, 50%
XYZ	12.7410, 17.4836, 18.6227
YIQ	106.6810, -33.3750, -17.3990

# Conversions

## Conversions Part 2

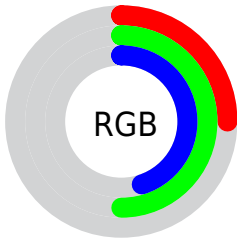
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 99, 127
Decimal	4226930
CIELab	48.86, -23.69, 0.82
CIElCh	49, 23.706, 178.026
Yxy	17.4836, 0.2608, 0.3579
Android (android.graphics.Color)	4282417010 (0xFF407F72)
YUV	106.6810, 3.6083, -37.4312
Hunter-Lab	41.8134, -18.7827, 2.8630

# Details

The Hex color **407F72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F404D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **74B4A6**, and **034D42** is the 20% darker color. If you saturate the color by 10%, you get **337F6F**, and if you desaturate by 10%, it is **4D7F75**.

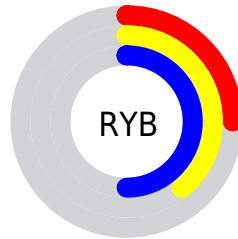
# Distribution



Red (25%)

Green (50%)

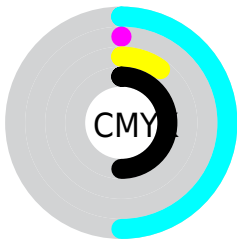
Blue (45%)



Red (25%)

Yellow (39%)

Blue (50%)

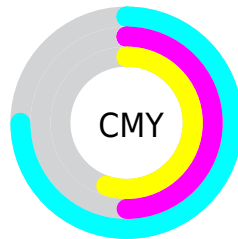


Cyan (50%)

Magenta (0%)

Yellow (10%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 407F72 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 407F72 by changing the saturation by 10% instead.





407F72



407F72

FFFFFF



25665A



74B4A6



034D42



8FD0C1



00362C



ABECDD



002118



C7FFF9



000000



E3FFFF



407F72



407F72



337F6F



4D7F75



277F6D



597F77

■ 1A7F6A

■ 667F7A

■ 0D7F68

■ 737F7C

■ 007F65

■ 807F7F

■ 8C7F82

■ 997F84

■ A67F87

■ B27F8A

# Harmonies

## Analogous

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



577D5E



407F72



327F86

# Triad

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



407F72



756F97



936C53

# Complementary

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



407F72



7F404D

# 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.



9C6662



407F72



8C698A

# Square

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



407F72



57769C



9A6576



83724C

# Rectangle

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



407F72



357D91



9A6576



976A57



# Sweetspot

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



407F72



8DA6A1



4E7F40



455451



D4D4D4



545454



# Same Dimension

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



407F72



42A691



406D7F



39403E



008065



000000



# Inverse Universe

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



7F404D



A64257



7F5240



40393B



80001A

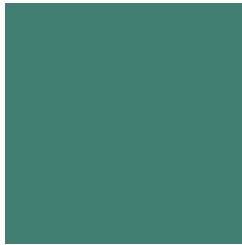


000000



# Previews

## White Background



This preview shows how the Hex color 407F72 looks on a white background.

## Color Contrast Check

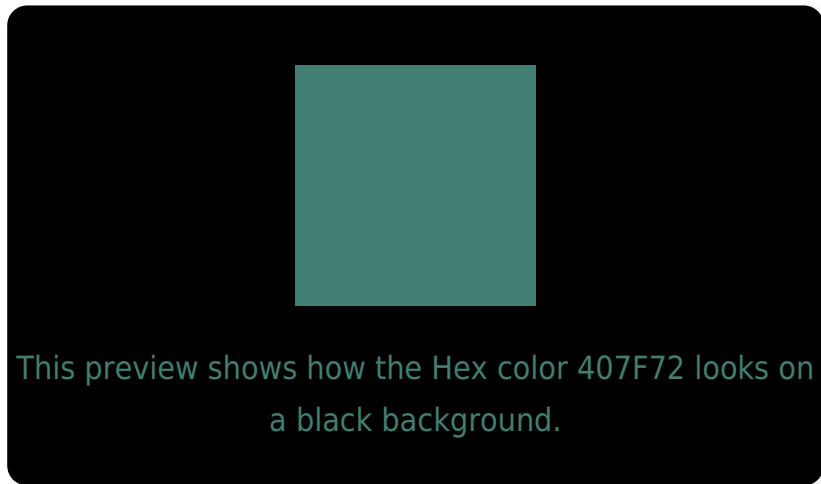
Large Text (above 18pt) WCAG AA ✓ Pass

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

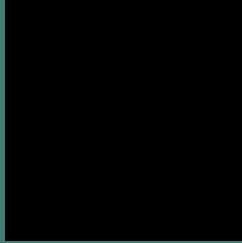
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 407F72 Background



This preview shows how black text looks on a background with the Hex color 407F72.

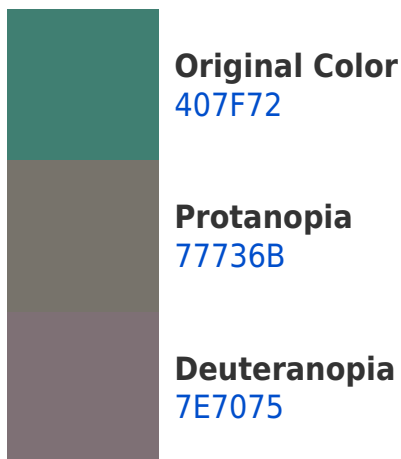



This preview shows how white text looks on a background with the Hex color 407F72.

# 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**  
467C86

# Trichromacy



**Original Color**  
407F72

**Protanomaly**  
63776E

**Deuteranomaly**  
677574

**Tritanomaly**  
447D7F

# Monochromacy



**Original Color**  
407F72

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5B726E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 407F72 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 #407F72 looks like.

```
.text, #text, p{  
    color:#407F72  
}
```

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 #407F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407F72
}
```

## Border

The CSS property to change the border of an element to Hex 407F72 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
#407F72 }
```

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

```
.border{ border-color:#407F72 }
```

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

Here you see how a box with a 4 pixel #407F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407F72; -webkit-box-shadow:4px 4px  
4px 4px #407F72; box-shadow:4px 4px 4px  
4px #407F72 }
```

# Background

The CSS property to change the background color of an element to Hex 407F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407F72 }
```

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

```
.background{ background-color:#407F72 }
```

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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