

# Converting Colors

Hex(417972)

Have a look what the booklet for  
Hex(417972) contains.

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**Color**

**Hex(417972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	417972
RGB	65, 121, 114
RGB Percent	25%, 47%, 45%
CMY	0.7451, 0.5255, 0.5529
CMYK	0.46, 0.00, 0.06, 0.53
HSL	172°, 30%, 36%
HSV	172°, 46%, 47%
XYZ	12.0546, 16.0135, 18.3752
YIQ	103.4580, -31.1290, -14.0490

# Conversions

## Conversions Part 2

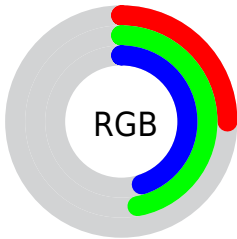
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 95, 121
Decimal	4290930
CIELab	46.99, -20.31, -1.92
CIElCh	47, 20.395, 185.391
Yxy	16.0135, 0.2596, 0.3448
Android (android.graphics.Color)	4282481010 (0xFF417972)
YUV	103.4580, 5.1972, -33.7277
Hunter-Lab	40.0168, -16.2584, 0.7867

# Details

The Hex color **417972** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794148**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75AEA6**, and **094842** is the 20% darker color. If you saturate the color by 10%, you get **357970**, and if you desaturate by 10%, it is **4D7974**.

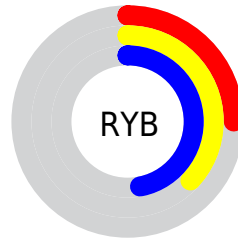
# Distribution



 Red (25%)

 Green (47%)

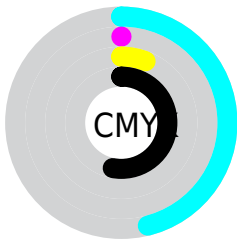
 Blue (45%)




 Red (25%)

 Yellow (37%)

 Blue (47%)

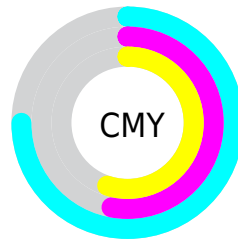


 Cyan (46%)


 Magenta (0%)

 Yellow (6%)

 Black (53%)



 Cyan (75%)

 Magenta (53%)

 Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 417972 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 417972 by changing the saturation by 10% instead.



 417972

 417972

FFFFFF

 27605A

 75AEA6

 094842

 8FC9C1

 00312C

 ABE5DD

 001D18

 C6FFF9

 000000

 E3FFFF

 417972

 417972

 357970

 4D7974

 29796F

 597975

■ 1D796D

■ 657977

■ 11796C

■ 717978

■ 05796A

■ 7D797A

■ 00796A

■ 8A797B

■ 96797D

■ A2797E

■ AE7980

# Harmonies

## Analogous

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



527861



417972



3B7883

# Triad

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



417972



766A8B



886A51

# Complementary

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



417972



794148

# 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.



91655C



417972



88657E

# Square

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



417972



5E7091



91636D



796F4D

# Rectangle

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



417972



41768B



91636D



8C6854



# Sweetspot

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



417972



889E9B



487941



424F4D



CFCFCF



4F4F4F



# Same Dimension

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



417972



469E93



416479



373D3C



007D6D



00FCDD



# Inverse Universe

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



794148



9E4651



795641



3D3738



7D0010



FC0020



# Previews

## White Background



This preview shows how the Hex color 417972 looks on a white background.

## Color Contrast Check

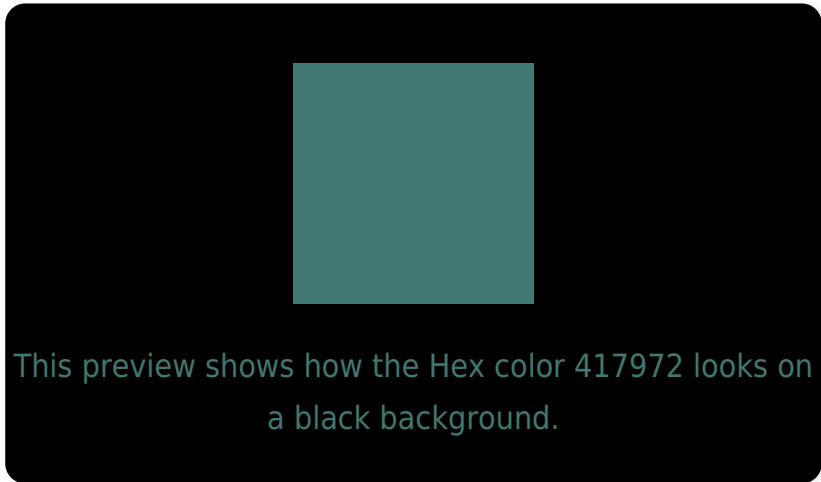
Large Text (above 18pt) WCAG AA ✓ Pass

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

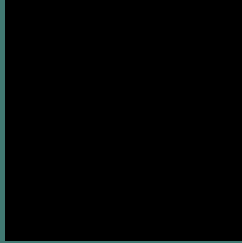
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

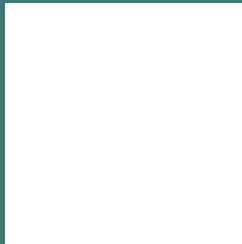
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 417972 Background



This preview shows how black text looks on a background with the Hex color 417972.

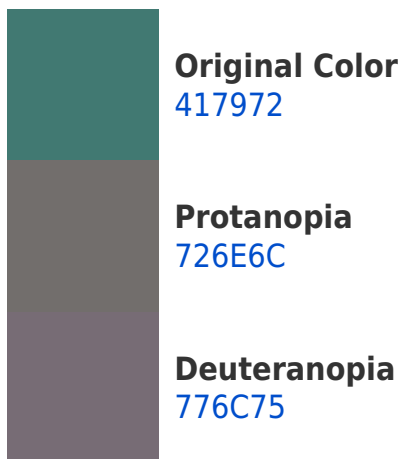


This preview shows how white text looks on a background with the Hex color 417972.

# 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](#).

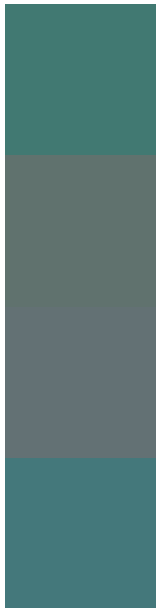
## Dichromacy





**Tritanopia**  
457780

# Trichromacy



**Original Color**  
417972

**Protanomaly**  
60726E

**Deuteranomaly**  
637174

**Tritanomaly**  
44787B

# Monochromacy



**Original Color**  
417972

**Achromatopsia**  
676767

**Achromatomaly**  
596E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 417972 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 #417972 looks like.

```
.text, #text, p{  
    color:#417972  
}
```

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 #417972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417972
}
```

## Border

The CSS property to change the border of an element to Hex 417972 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
#417972 }
```

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

```
.border{ border-color:#417972 }
```

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

Here you see how a box with a 4 pixel #417972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417972; -webkit-box-shadow:4px 4px  
4px 4px #417972; box-shadow:4px 4px 4px  
4px #417972 }
```

# Background

The CSS property to change the background color of an element to Hex 417972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417972 }
```

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

```
.background{ background-color:#417972 }
```

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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