

Converting Colors

Hex(417A6D)

Have a look what the booklet for
Hex(417A6D) contains.

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Color

Hex(417A6D)

Conversions

Conversions Part 1

Format	Color
Hex	417A6D
RGB	65, 122, 109
RGB Percent	25%, 48%, 43%
CMY	0.7451, 0.5216, 0.5725
CMYK	0.47, 0.00, 0.11, 0.52
HSL	166°, 30%, 37%
HSV	166°, 47%, 48%
XYZ	11.8998, 16.1470, 16.9575
YIQ	103.4750, -29.7990, -16.1270

Conversions

Conversions Part 2

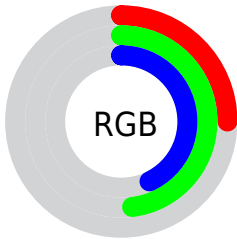
Format	Color
R_{YB}	65, 97, 122
Decimal	4291181
CIE _{Lab}	47.17, -22.14, 1.30
CIE _{LCh}	47, 22.176, 176.630
Yxy	16.1470, 0.2644, 0.3588
Android (android.graphics.Color)	4282481261 (0xFF417A6D)
YUV	103.4750, 2.7238, -33.7426
Hunter-Lab	40.1833, -17.4602, 3.1078

Details

The Hex color **417A6D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A414E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75AFA0**, and **09493E** is the 20% darker color. If you saturate the color by 10%, you get **357A6A**, and if you desaturate by 10%, it is **4D7A70**.

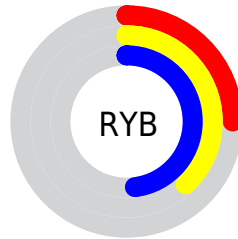
Distribution



Red (25%)

Green (48%)

Blue (43%)



Red (25%)

Yellow (38%)

Blue (48%)

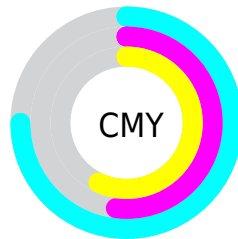


Cyan (47%)

Magenta (0%)

Yellow (11%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417A6D 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 417A6D by changing the saturation by 10% instead.

417A6D

417A6D

FFFFFF

276155

75AFA0

09493E

8FCABB

003228

AAE6D7

001E13

C6FFF4

000000

E3FFFF

417A6D

417A6D

357A6A

4D7A70

297A67

597A73

■ 1C7A65

■ 667A75

■ 107A62

■ 727A78

■ 047A5F

■ 7E7A7B

■ 007A5E

■ 8A7A7E

■ 967A80

■ A37A83

■ AF7A86

Harmonies

Analogous

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



56785B



417A6D



347A80

Triad

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



417A6D



706C91



8E6851

Complementary

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



417A6D



7A414E

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.



956360



417A6D



866685

Square

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



417A6D



547295



936273



7F6E4B

Rectangle

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



417A6D



37788A



936273



916656

Sweetspot

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



417A6D



889E99



4E7A41



424F4C



CFCFCF



4F4F4F

Same Dimension

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



417A6D



469E8A



416B7A



373D3C



007D60



00FCC3

Inverse Universe

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



7A414E



9E465A



7A5041



3D3738



7D001C



FC003A

Previews

White Background



This preview shows how the Hex color 417A6D looks on a white background.

Color Contrast Check

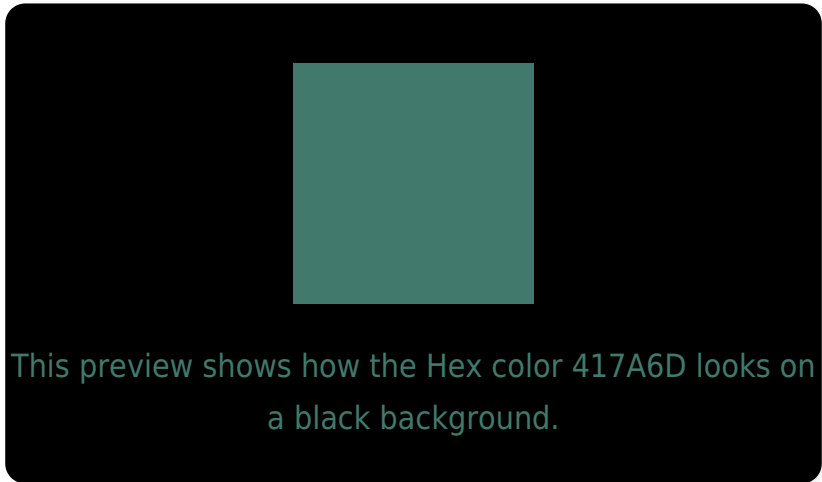
Large Text (above 18pt) WCAG AA ✓ Pass

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

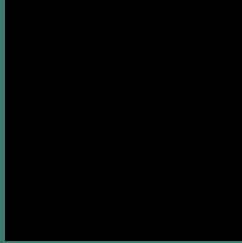
Any Text WCAG AA × Fail

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 417A6D Background



This preview shows how black text looks on a background with the Hex color 417A6D.

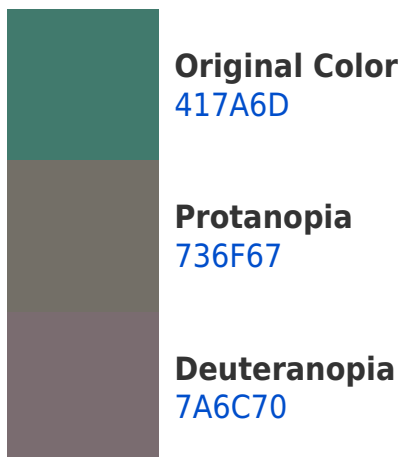


This preview shows how white text looks on a background with the Hex color 417A6D.

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](#).

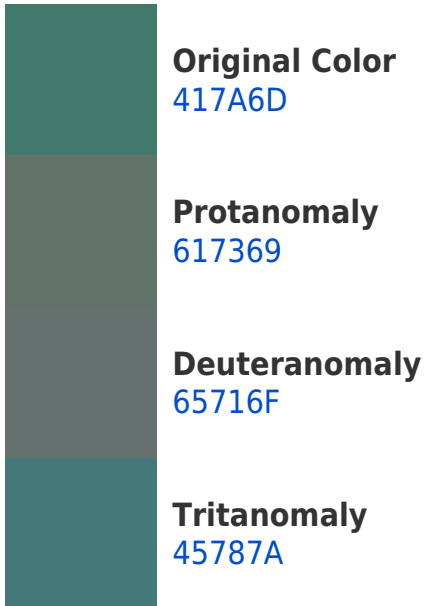
Dichromacy



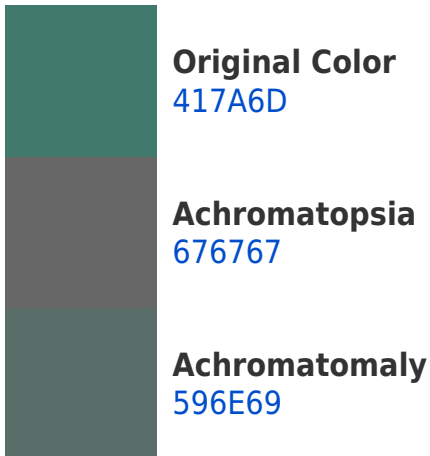


Tritanopia
477781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417A6D 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 #417A6D looks like.

```
.text, #text, p{  
    color:#417A6D  
}
```

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 #417A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417A6D
}
```

Border

The CSS property to change the border of an element to Hex 417A6D 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
#417A6D }
```

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

```
.border{ border-color:#417A6D }
```

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

Here you see how a box with a 4 pixel #417A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417A6D; -webkit-box-shadow:4px 4px  
4px 4px #417A6D; box-shadow:4px 4px 4px  
4px #417A6D }
```

Background

The CSS property to change the background color of an element to Hex 417A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417A6D }
```

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

```
.background{ background-color:#417A6D }
```

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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