

Converting Colors

Hex(418070)

Have a look what the booklet for
Hex(418070) contains.

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Color

Hex(418070)

Conversions

Conversions Part 1

Format	Color
Hex	418070
RGB	65, 128, 112
RGB Percent	25%, 50%, 44%
CMY	0.7451, 0.4980, 0.5608
CMYK	0.49, 0.00, 0.12, 0.50
HSL	165°, 33%, 38%
HSV	165°, 49%, 50%
XYZ	12.8238, 17.7320, 18.0760
YIQ	107.3390, -32.4120, -18.3320

Conversions

Conversions Part 2

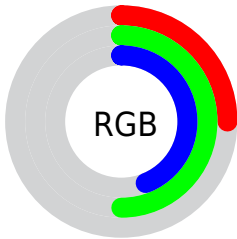
Format	Color
RYB	65, 101, 128
Decimal	4292720
CIELab	49.17, -24.46, 2.44
CIElCh	49, 24.578, 174.300
Yxy	17.7320, 0.2637, 0.3646
Android (android.graphics.Color)	4282482800 (0xFF418070)
YUV	107.3390, 2.2979, -37.1313
Hunter-Lab	42.1094, -19.3320, 4.0256

Details

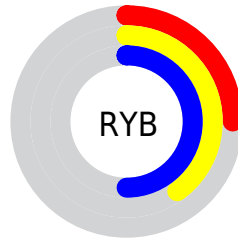
The Hex color **418070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **804151**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **75B5A4**, and **064E40** is the 20% darker color. If you saturate the color by 10%, you get **34806D**, and if you desaturate by 10%, it is **4E8073**.

Distribution



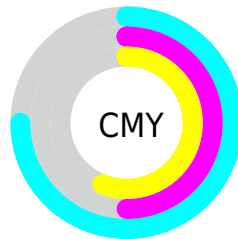
- Red (25%)
- Green (50%)
- Blue (44%)



- Red (25%)
- Yellow (40%)
- Blue (50%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (75%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418070 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 418070 by changing the saturation by 10% instead.

 418070

 418070

FFFFFF

 276758

 75B5A4

 064E40

 90D1BF

 00372A

 ABEDDB

 002216

 C7FFF7

 000000

 E4FFFF

 418070

 418070

 34806D

 4E8073

 278069

 5B8077

■ 1B8066

■ 67807A

■ 0E8063

■ 74807D

■ 018060

■ 818080

■ 00805F

■ 8E8084

■ 9B8087

■ A7808A

■ B4808D

Harmonies

Analogous

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



5A7E5C



418070



2F8085

Triad

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



418070



72719B



976B54

Complementary

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



418070



804151

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.



9E6665



418070



8C6A8D

Square

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



418070



53789E



9B657A



87724B

Rectangle

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



418070



307E91



9B657A



9A6959

Sweetspot

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



418070



8DA69F



528041



455450



D4D4D4



545454

Same Dimension

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



418070



44A68D



417180



39403E



00805F



000000

Inverse Universe

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



804151



A6445D



805041



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 418070 looks on a white background.

Color Contrast Check

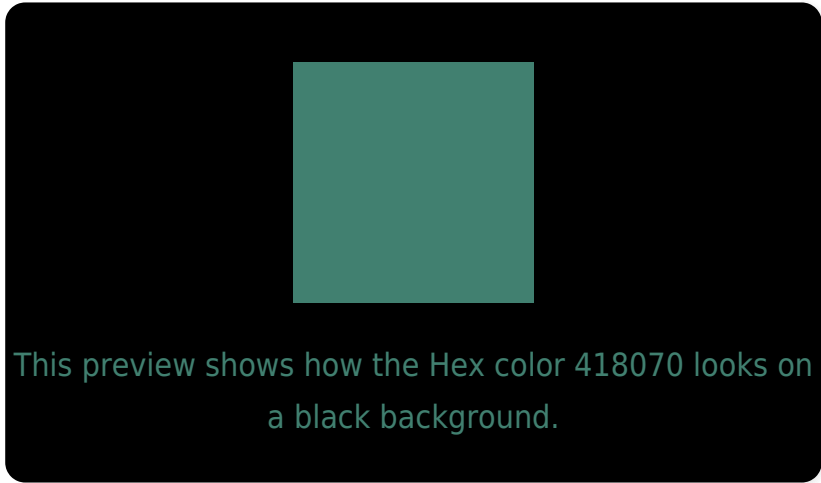
Large Text (above 18pt) WCAG AA ✓ Pass

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

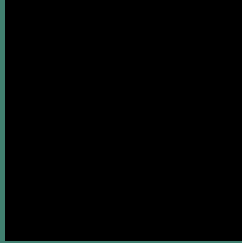
Any Text WCAG AA ✓ Pass

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 418070 Background



This preview shows how black text looks on a background with the Hex color 418070.

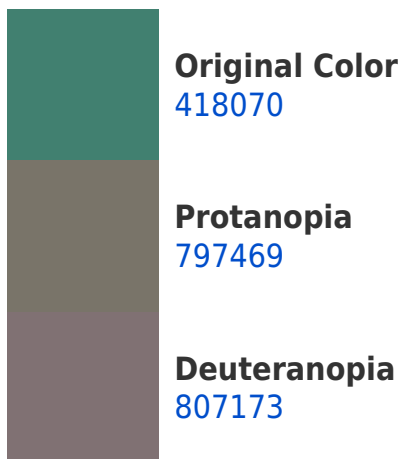


This preview shows how white text looks on a background with the Hex color 418070.

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](#).

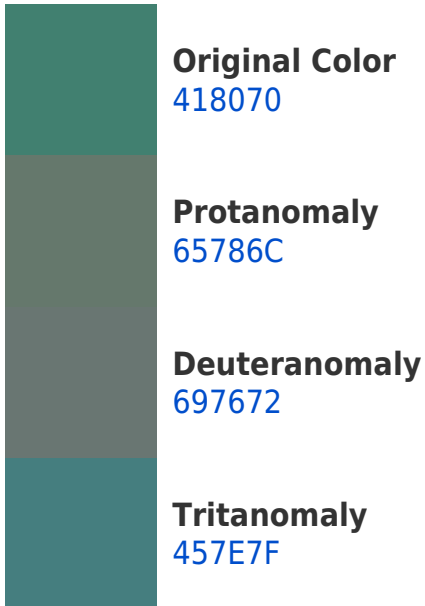
Dichromacy



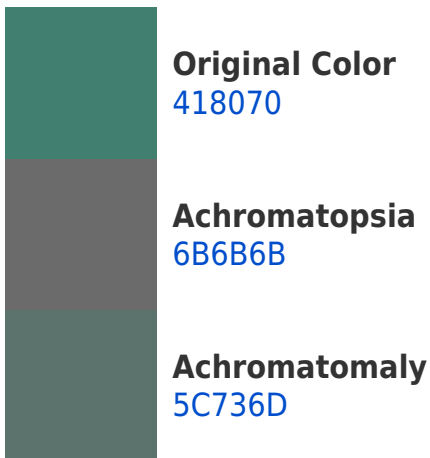


Tritanopia
487D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418070 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 #418070 looks like.

```
.text, #text, p{  
    color:#418070  
}
```

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 #418070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418070
}
```

Border

The CSS property to change the border of an element to Hex 418070 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
#418070 }
```

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

```
.border{ border-color:#418070 }
```

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

Here you see how a box with a 4 pixel #418070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418070; -webkit-box-shadow:4px 4px  
4px 4px #418070; box-shadow:4px 4px 4px  
4px #418070 }
```

Background

The CSS property to change the background color of an element to Hex 418070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418070 }
```

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

```
.background{ background-color:#418070 }
```

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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