

Converting Colors

Hex(438070)

Have a look what the booklet for
Hex(438070) contains.

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Color

Hex(438070)

Conversions

Conversions Part 1

Format	Color
Hex	438070
RGB	67, 128, 112
RGB Percent	26%, 50%, 44%
CMY	0.7373, 0.4980, 0.5608
CMYK	0.48, 0.00, 0.12, 0.50
HSL	164°, 31%, 38%
HSV	164°, 48%, 50%
XYZ	12.9585, 17.8015, 18.0823
YIQ	107.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

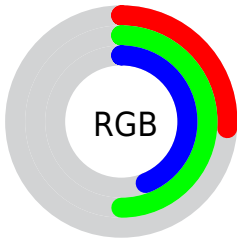
Format	Color
RYB	67, 102, 128
Decimal	4423792
CIELab	49.25, -23.93, 2.57
CIELCh	49, 24.066, 173.858
Yxy	17.8015, 0.2653, 0.3645
Android (android.graphics.Color)	4282613872 (0xFF438070)
YUV	107.9370, 2.0031, -35.9017
Hunter-Lab	42.1918, -19.0122, 4.1242

Details

The Hex color **438070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **804353**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **77B5A4**, and **0A4E40** is the 20% darker color. If you saturate the color by 10%, you get **36806D**, and if you desaturate by 10%, it is **508073**.

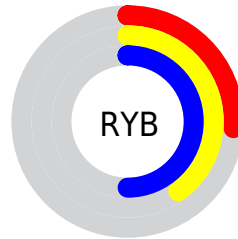
Distribution



Red (26%)

Green (50%)

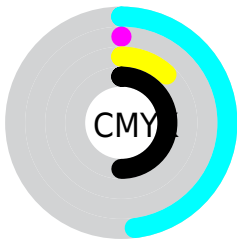
Blue (44%)



Red (26%)

Yellow (40%)

Blue (50%)

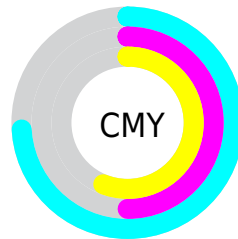


Cyan (48%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (74%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438070 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 438070 by changing the saturation by 10% instead.

 438070

 438070

FFFFFF

 296758

 77B5A4

 0A4E40

 92D1BF

 00372A

 ADEDDB

 002216

 C9FFF7

 000000

 E6FFFF

 438070

 438070

 36806D

 508073

 298069

 5D8077

■ 1D8066

■ 69807A

■ 108063

■ 76807D

■ 03805F

■ 838081

■ 00805E

■ 908084

■ 9D8088

■ A9808B

■ B6808E

Harmonies

Analogous

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



5B7E5C



438070



328085

Triad

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



438070



72719A



966B55

Complementary

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



438070



804353

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.



9E6766



438070



8B6A8D

Square

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



438070



53789D



9A667A



87724D

Rectangle

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



438070



337F91



9A667A



9A6A5A

Sweetspot

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



438070



8FA6A0



538043



465450



D4D4D4



545454

Same Dimension

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



438070



47A68D



437280



39403E



00805E



000000

Inverse Universe

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



804353



A64760



805143



40393B



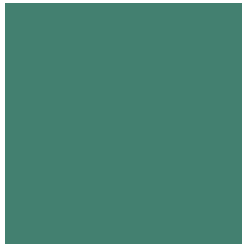
800021



000000

Previews

White Background



This preview shows how the Hex color 438070 looks on a white background.

Color Contrast Check

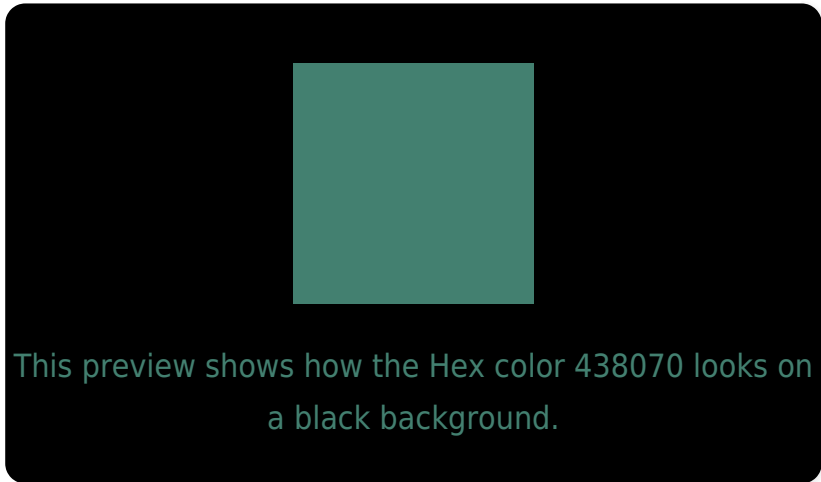
Large Text (above 18pt) WCAG AA ✓ Pass

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

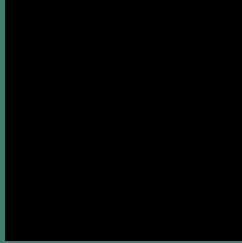
Any Text WCAG AA ✓ Pass

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 438070 Background



This preview shows how black text looks on a background with the Hex color 438070.

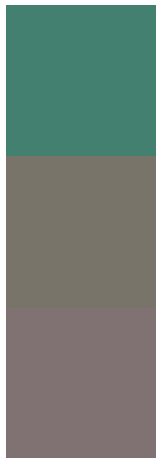


This preview shows how white text looks on a background with the Hex color 438070.

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



Original Color
438070

Protanopia
79746A

Deuteranopia
807173



Tritanopia
4A7D87

Trichromacy



Original Color
438070

Protanomaly
65786C

Deuteranomaly
6A7672

Tritanomaly
477E7F

Monochromacy



Original Color
438070

Achromatopsia
6C6C6C

Achromatomaly
5D736D

CSS Examples

Text

The CSS property to change the color of the text to Hex 438070 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 #438070 looks like.

```
.text, #text, p{  
    color:#438070  
}
```

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 #438070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438070
}
```

Border

The CSS property to change the border of an element to Hex 438070 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
#438070 }
```

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

```
.border{ border-color:#438070 }
```

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

Here you see how a box with a 4 pixel #438070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438070; -webkit-box-shadow:4px 4px  
4px 4px #438070; box-shadow:4px 4px 4px  
4px #438070 }
```

Background

The CSS property to change the background color of an element to Hex 438070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438070 }
```

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

```
.background{ background-color:#438070 }
```

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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