

Converting Colors

Hex(438F70)

Have a look what the booklet for
Hex(438F70) contains.

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Color

Hex(438F70)

Conversions

Conversions Part 1

Format	Color
Hex	438F70
RGB	67, 143, 112
RGB Percent	26%, 56%, 44%
CMY	0.7373, 0.4392, 0.5608
CMYK	0.53, 0.00, 0.22, 0.44
HSL	156°, 36%, 41%
HSV	156°, 53%, 56%
XYZ	15.0618, 22.0081, 18.7834
YIQ	116.7420, -35.3450, -25.7530

Conversions

Conversions Part 2

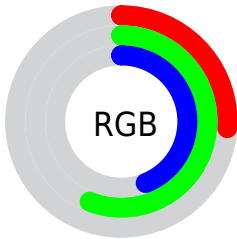
Format	Color
R _Y B	67, 115, 143
Decimal	4427632
CIE Lab	54.04, -31.31, 9.42
CIE LCh	54, 32.690, 163.261
Yxy	22.0081, 0.2697, 0.3940
Android (android.graphics.Color)	4282617712 (0xFF438F70)
YUV	116.7420, -2.3378, -43.6237
Hunter-Lab	46.9128, -24.7880, 9.0998

Details

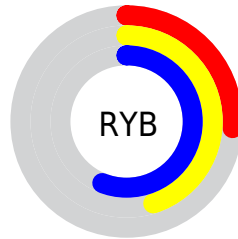
The Hex color **438F70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F4362**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **79C5A4**, and **015C40** is the 20% darker color. If you saturate the color by 10%, you get **358F6A**, and if you desaturate by 10%, it is **518F76**.

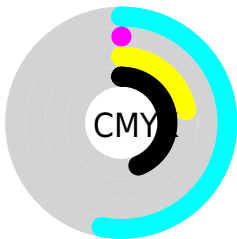
Distribution



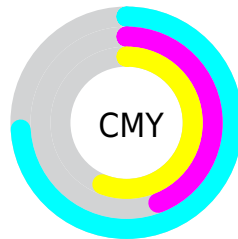
- Red (26%)
- Green (56%)
- Blue (44%)



- Red (26%)
- Yellow (45%)
- Blue (56%)



- Cyan (53%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (74%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438F70 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 438F70 by changing the saturation by 10% instead.

 438F70

 438F70

FFFFFF

 277558

 79C5A4

 015C40

 94E1BF

 00442A

 B0FEDB

 002D16

 CCFFF7

 001700

 E9FFFF

 000000

 438F70

 438F70

 358F6A

 518F76

 268F64

 608F7C

■ 188F5F

■ 6E8F81

■ 0A8F59

■ 7C8F87

■ 008F55

■ 8B8F8D

■ 998F93

■ A78F99

■ B58F9F

■ C48FA4

Harmonies

Analogous

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



688B57



438F70



0D908D

Triad

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



438F70



6C80B8



B3715C

Complementary

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



438F70



8F4362

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.



B86B76



438F70



9475AA

Square

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



438F70



3889B7



AE6D92



A17A4B

Rectangle

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



438F70



008F9F



AE6D92



B66E64

Sweetspot

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



438F70



9CBAAE



638F43



4C5E57



DEDEDE



5E5E5E

Same Dimension

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



438F70



43BA8A



43898F



404744



008750



000805

Inverse Universe

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



8F4362



BA4374



8F4943



474043



870037



080003

Previews

White Background



This preview shows how the Hex color 438F70 looks on a white background.

Color Contrast Check

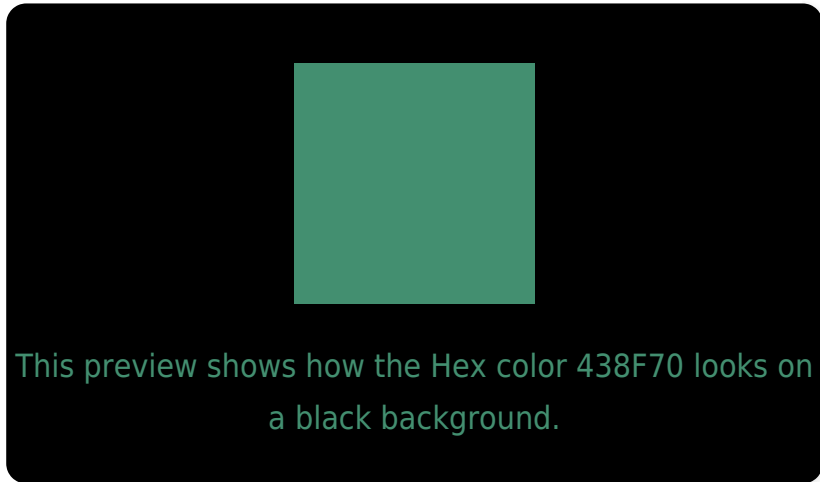
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

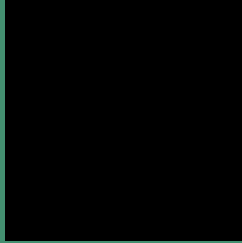
Any Text WCAG AA ✓ Pass

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 438F70 Background



This preview shows how black text looks on a background with the Hex color 438F70.

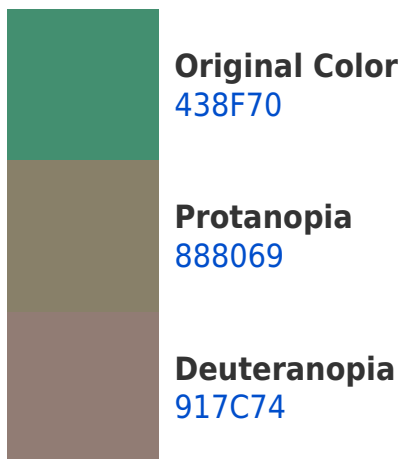



This preview shows how white text looks on a background with the Hex color 438F70.

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
4E8A95

Trichromacy



Original Color
438F70

Protanomaly
6F856C

Deuteranomaly
758373

Tritanomaly
4A8C88

Monochromacy



Original Color
438F70

Achromatopsia
757575

Achromatomaly
637E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 438F70 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 #438F70 looks like.

```
.text, #text, p{  
    color:#438F70  
}
```

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 #438F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438F70
}
```

Border

The CSS property to change the border of an element to Hex 438F70 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
#438F70 }
```

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

```
.border{ border-color:#438F70 }
```

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

Here you see how a box with a 4 pixel #438F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438F70; -webkit-box-shadow:4px 4px  
4px 4px #438F70; box-shadow:4px 4px 4px  
4px #438F70 }
```

Background

The CSS property to change the background color of an element to Hex 438F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438F70 }
```

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

```
.background{ background-color:#438F70 }
```

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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