

Converting Colors

Hex(438F80)

Have a look what the booklet for
Hex(438F80) contains.

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Color

Hex(438F80)

Conversions

Conversions Part 1

Format	Color
Hex	438F80
RGB	67, 143, 128
RGB Percent	26%, 56%, 50%
CMY	0.7373, 0.4392, 0.4980
CMYK	0.53, 0.00, 0.10, 0.44
HSL	168°, 36%, 41%
HSV	168°, 53%, 56%
XYZ	16.0335, 22.3967, 23.9000
YIQ	118.5660, -40.4810, -20.7770

Conversions

Conversions Part 2

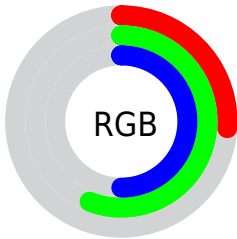
Format	Color
R _Y B	67, 109, 143
Decimal	4427648
CIE Lab	54.45, -27.37, 0.81
CIE LCh	54, 27.387, 178.300
Yxy	22.3967, 0.2572, 0.3593
Android (android.graphics.Color)	4282617728 (0xFF438F80)
YUV	118.5660, 4.6510, -45.2234
Hunter-Lab	47.3252, -22.3444, 3.1852

Details

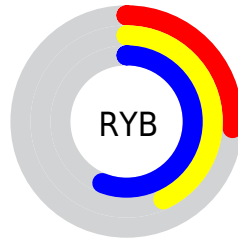
The Hex color **438F80** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F4352**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **79C5B5**, and **005C4F** is the 20% darker color. If you saturate the color by 10%, you get **358F7D**, and if you desaturate by 10%, it is **518F83**.

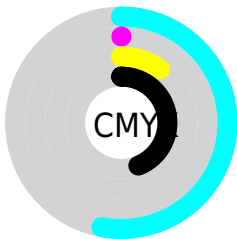
Distribution



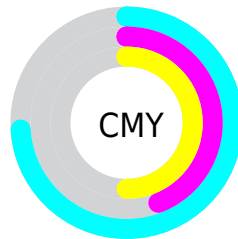
- Red (26%)
- Green (56%)
- Blue (50%)



- Red (26%)
- Yellow (43%)
- Blue (56%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (74%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438F80 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 438F80 by changing the saturation by 10% instead.

 438F80

 438F80

FFFFFF

 277567

 79C5B5

 005C4F

 95E1D0

 004438

 B0FEED

 002D23

 CDFFFF

 00190D

 EAFFFF

 000000

 438F80

 438F80

 358F7D

 518F83

 268F7A

 608F86

■ 188F78

■ 6E8F88

■ 0A8F75

■ 7C8F8B

■ 008F73

■ 8B8F8E

■ 998F91

■ A78F94

■ B58F97

■ C48F99

Harmonies

Analogous

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



5F8D69



438F80



308F98

Triad

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



438F80



837DAC



A7785B

Complementary

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



438F80



8F4352

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.



B0726D



438F80



9F759B

Square

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



438F80



6085B1



AE7085



948053

Rectangle

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



438F80



348DA5



AE7085



AB7660

Sweetspot

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



438F80



9CBAB4



528F43



4C5E5B



DEDEDE



5E5E5E

Same Dimension

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



438F80



43BAA3



43788F



404746



00876C



000806

Inverse Universe

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



8F4352



BA435B



8F5A43



474042



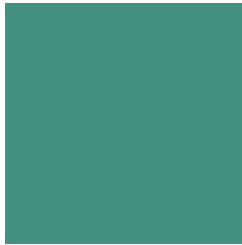
87001B



080002

Previews

White Background



This preview shows how the Hex color 438F80 looks on a white background.

Color Contrast Check

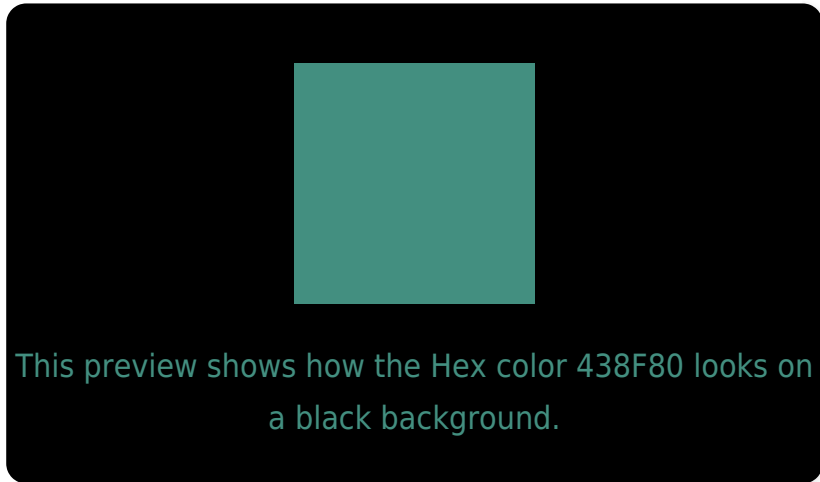
Large Text (above 18pt) WCAG AA ✓ Pass

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

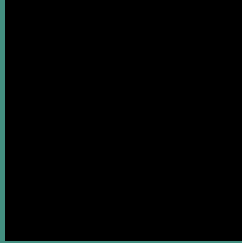
Any Text WCAG AA ✓ Pass

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 438F80 Background



This preview shows how black text looks on a background with the Hex color 438F80.

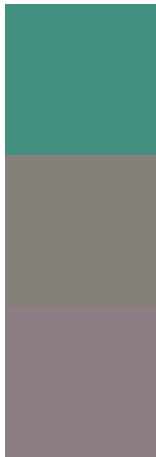


This preview shows how white text looks on a background with the Hex color 438F80.

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
438F80

Protanopia
868178

Deuteranopia
8D7D84



Tritanopia
4B8C97

Trichromacy



Original Color
438F80

Protanomaly
6E867B

Deuteranomaly
728483

Tritanomaly
488D8F

Monochromacy



Original Color
438F80

Achromatopsia
777777

Achromatomaly
64807A

CSS Examples

Text

The CSS property to change the color of the text to Hex 438F80 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 #438F80 looks like.

```
.text, #text, p{  
    color:#438F80  
}
```

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 #438F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438F80
}
```

Border

The CSS property to change the border of an element to Hex 438F80 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
#438F80 }
```

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

```
.border{ border-color:#438F80 }
```

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

Here you see how a box with a 4 pixel #438F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438F80; -webkit-box-shadow:4px 4px  
4px 4px #438F80; box-shadow:4px 4px 4px  
4px #438F80 }
```

Background

The CSS property to change the background color of an element to Hex 438F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438F80 }
```

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

```
.background{ background-color:#438F80 }
```

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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