

Converting Colors

Hex(428F76)

Have a look what the booklet for
Hex(428F76) contains.

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Color

Hex(428F76)

Conversions

Conversions Part 1

Format	Color
Hex	428F76
RGB	66, 143, 118
RGB Percent	26%, 56%, 46%
CMY	0.7412, 0.4392, 0.5373
CMYK	0.54, 0.00, 0.17, 0.44
HSL	161°, 37%, 41%
HSV	161°, 54%, 56%
XYZ	15.3392, 22.1112, 20.5990
YIQ	117.1270, -37.8670, -24.0990

Conversions

Conversions Part 2

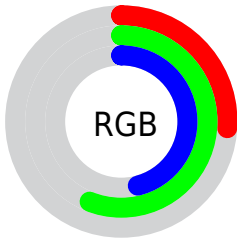
Format	Color
RYB	66, 112, 143
Decimal	4362102
CIELab	54.14, -30.12, 6.13
CIElCh	54, 30.741, 168.505
Yxy	22.1112, 0.2642, 0.3809
Android (android.graphics.Color)	4282552182 (0xFF428F76)
YUV	117.1270, 0.4304, -44.8384
Hunter-Lab	47.0225, -24.0608, 6.9428

Details

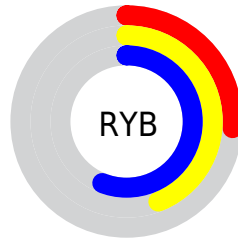
The Hex color **428F76** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F425B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **78C5AA**, and **005C46** is the 20% darker color. If you saturate the color by 10%, you get **348F71**, and if you desaturate by 10%, it is **508F7B**.

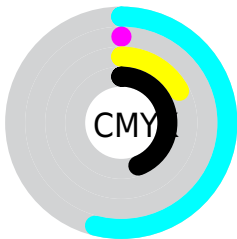
Distribution



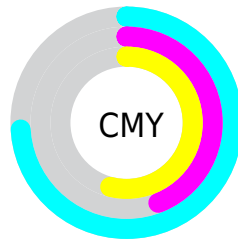
- Red (26%)
- Green (56%)
- Blue (46%)



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



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (74%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428F76 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 428F76 by changing the saturation by 10% instead.

 428F76

 428F76


FFFFFF

 26755D

 78C5AA

 005C46

 93E1C5

 00442F

 AFFEE1

 002D1B

 CBFFFE

 001700

 E8FFFF

 000000

 428F76

 428F76

 348F71

 508F7B

 258F6D

 5F8F7F

■ 178F68

■ 6D8F84

■ 098F63

■ 7B8F89

■ 008F61

■ 8A8F8D

■ 988F92

■ A68F97

■ B48F9B

■ C38FA0

Harmonies

Analogous

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



648B5D



428F76



1B9091

Triad

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



428F76



767EB4



AE735B

Complementary

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



428F76



8F425B

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.



B56D72



428F76



9975A5

Square

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



428F76



4987B5



AF6E8D



9C7C4D

Rectangle

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



428F76



0F8EA2



AF6E8D



B27162

Sweetspot

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



428F76



9CBAB0



5C8F42



4C5E59



DEDEDE



5E5E5E

Same Dimension

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



428F76



41BA93



42828F



404745



00875B



000805

Inverse Universe

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



8F425B



BA4168



8F4F42



474043



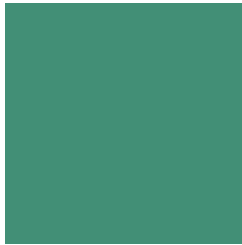
87002C



080002

Previews

White Background



This preview shows how the Hex color 428F76 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

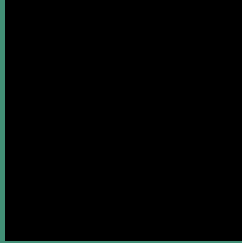
Any Text WCAG AA ✓ Pass

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 428F76 Background



This preview shows how black text looks on a background with the Hex color 428F76.



This preview shows how white text looks on a background with the Hex color 428F76.

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
4C8B96

Trichromacy



Original Color
428F76

Protanomaly
6E8571

Deuteranomaly
748379

Tritanomaly
488C8A

Monochromacy



Original Color
428F76

Achromatopsia
757575

Achromatomaly
627E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 428F76 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 #428F76 looks like.

```
.text, #text, p{  
    color:#428F76  
}
```

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 #428F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428F76
}
```

Border

The CSS property to change the border of an element to Hex 428F76 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
#428F76 }
```

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

```
.border{ border-color:#428F76 }
```

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

Here you see how a box with a 4 pixel #428F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428F76; -webkit-box-shadow:4px 4px  
4px 4px #428F76; box-shadow:4px 4px 4px  
4px #428F76 }
```

Background

The CSS property to change the background color of an element to Hex 428F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428F76 }
```

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

```
.background{ background-color:#428F76 }
```

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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