

Converting Colors

Hex(426C48)

Have a look what the booklet for
Hex(426C48) contains.

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Color

Hex(426C48)

Conversions

Conversions Part 1

Format	Color
Hex	426C48
RGB	66, 108, 72
RGB Percent	26%, 42%, 28%
CMY	0.7412, 0.5765, 0.7176
CMYK	0.39, 0.00, 0.33, 0.58
HSL	129°, 24%, 34%
HSV	129°, 39%, 42%
XYZ	8.7790, 12.3513, 8.0522
YIQ	91.3380, -13.4760, -20.1000

Conversions

Conversions Part 2

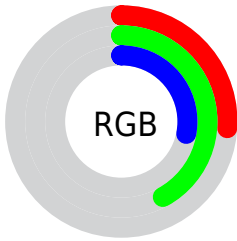
Format	Color
RYB	66, 103, 108
Decimal	4353096
CIELab	41.77, -22.99, 15.65
CIElCh	42, 27.811, 145.749
Yxy	12.3513, 0.3008, 0.4232
Android (android.graphics.Color)	4282543176 (0xFF426C48)
YUV	91.3380, -9.5336, -22.2214
Hunter-Lab	35.1444, -16.9135, 11.0166

Details

The Hex color **426C48** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C4266**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **74A079**, and **123C1C** is the 20% darker color. If you saturate the color by 10%, you get **376C3F**, and if you desaturate by 10%, it is **4D6C51**.

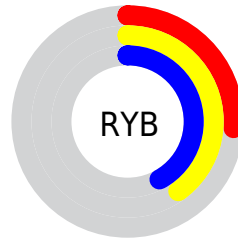
Distribution



Red (26%)

Green (42%)

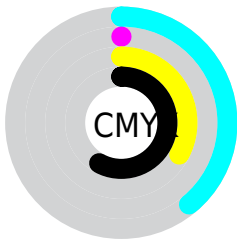
Blue (28%)



Red (26%)

Yellow (40%)

Blue (42%)

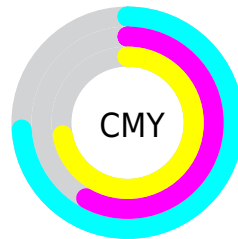


Cyan (39%)

Magenta (0%)

Yellow (33%)

Black (58%)



Cyan (74%)

Magenta (58%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426C48 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 426C48 by changing the saturation by 10% instead.



426C48



426C48

FFFFFF



2A5431



74A079



123C1C



8EBB93



002603



A9D7AD



000C00



C4F3C9



000000



E1FFE5

FDFFFF



426C48



426C48



376C3F




4D6C51

 2C6C35

 586C5B

 226C2C


 626C64

 176C23

 6D6C6D

 0C6C1A

 786C76

 016C10

 836C80

 006C0F

 8E6C89

 986C92

 A36C9B

Harmonies

Analogous

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



5D6738



426C48



206E5E

Triad

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



426C48



396690



8E5250

Complementary

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



426C48



6C4266

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.



8C5167



426C48



605E8C

Square

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



426C48



006B88



7C567D



85583D

Rectangle

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



426C48



006F6E



7C567D



8F5157

Sweetspot

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



426C48



7B8C7E



666C42



3D473F



C7C7C7



474747

Same Dimension

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



426C48



4A8C54



426C5D



303631



007511



00F523

Inverse Universe

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



6C4266



8C4A83



6C4251



363035



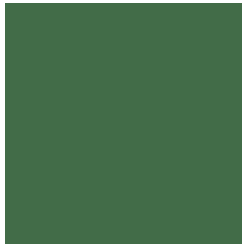
750065



F500D2

Previews

White Background



This preview shows how the Hex color 426C48 looks on a white background.

Color Contrast Check

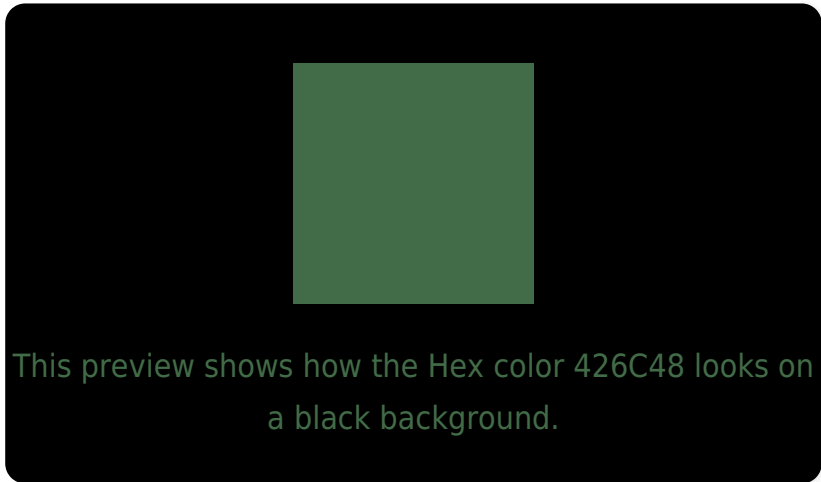
Large Text (above 18pt) WCAG AA ✓ Pass

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

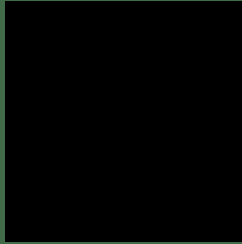
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 426C48 Background



This preview shows how black text looks on a background with the Hex color 426C48.



This preview shows how white text looks on a background with the Hex color 426C48.

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
426C48

Protanopia
6A6244

Deuteranopia
735E4B



Tritanopia
4A676F

Trichromacy



Original Color
426C48

Protanomaly
5B6645

Deuteranomaly
61634A

Tritanomaly
476961

Monochromacy



Original Color
426C48

Achromatopsia
5B5B5B

Achromatomaly
526154

CSS Examples

Text

The CSS property to change the color of the text to Hex 426C48 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 #426C48 looks like.

```
.text, #text, p{  
    color:#426C48  
}
```

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 #426C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426C48
}
```

Border

The CSS property to change the border of an element to Hex 426C48 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
#426C48 }
```

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

```
.border{ border-color:#426C48 }
```

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

Here you see how a box with a 4 pixel #426C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426C48; -webkit-box-shadow:4px 4px  
4px 4px #426C48; box-shadow:4px 4px 4px  
4px #426C48 }
```

Background

The CSS property to change the background color of an element to Hex 426C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426C48 }
```

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

```
.background{ background-color:#426C48 }
```

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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