

Converting Colors

Hex(426C30)

Have a look what the booklet for
Hex(426C30) contains.

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Color

Hex(426C30)

Conversions

Conversions Part 1

Format	Color
Hex	426C30
RGB	66, 108, 48
RGB Percent	26%, 42%, 19%
CMY	0.7412, 0.5765, 0.8118
CMYK	0.39, 0.00, 0.56, 0.58
HSL	102°, 38%, 31%
HSV	102°, 56%, 42%
XYZ	8.1428, 12.0968, 4.7020
YIQ	88.6020, -5.7720, -27.5640

Conversions

Conversions Part 2

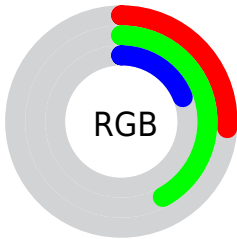
Format	Color
RYB	48, 108, 90
Decimal	4353072
CIELab	41.37, -26.86, 28.74
CIELCh	41, 39.344, 133.062
Yxy	12.0968, 0.3265, 0.4850
Android (android.graphics.Color)	4282543152 (0xFF426C30)
YUV	88.6020, -20.0168, -19.8220
Hunter-Lab	34.7804, -19.0751, 16.3307

Details

The Hex color **426C30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A306C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **75A060**, and **103C01** is the 20% darker color. If you saturate the color by 10%, you get **3A6C25**, and if you desaturate by 10%, it is **4A6C3B**.

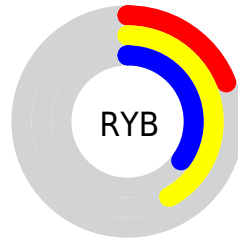
Distribution



Red (26%)

Green (42%)

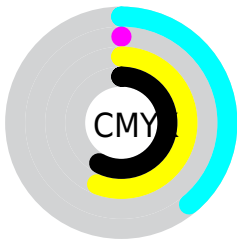
Blue (19%)



Red (19%)

Yellow (42%)

Blue (35%)

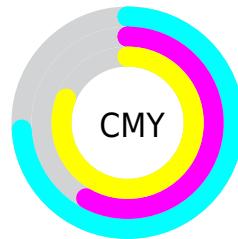


Cyan (39%)

Magenta (0%)

Yellow (56%)

Black (58%)



Cyan (74%)

Magenta (58%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426C30 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 426C30 by changing the saturation by 10% instead.

 426C30

 426C30

FFFFFF

 295319

 75A060

 103C01

 8FBB79

 002600

 AAD793

 000900

 C6F3AE

 000000

 E2FFCA

 FFFFE6

 426C30

 426C30

 3A6C25

 4A6C3B

■ 336C1A

■ 516C46

■ 2B6C10

■ 596C50

■ 246C05

■ 606C5B

■ 206C00

■ 686C66

■ 6F6C71

■ 776C7C

■ 7E6C86

■ 866C91

Harmonies

Analogous

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



66641E



426C30



00704E

Triad

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



426C30



006A9F



9D4555

Complementary

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



426C30



5A306C

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.



934875



426C30



4160A1

Square

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



426C30



00708D



765391



964D37

Rectangle

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



426C30



007164



765391



9C4560

Sweetspot

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



426C30



7C8C74



6C5A30



3D4739



C7C7C7



474747

Same Dimension

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



426C30



4A8C2E



306C3C



323630



237500



49F500

Inverse Universe

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



5A306C



702E8C



6C3060



343036



520075



AB00F5

Previews

White Background



This preview shows how the Hex color 426C30 looks on a white background.

Color Contrast Check

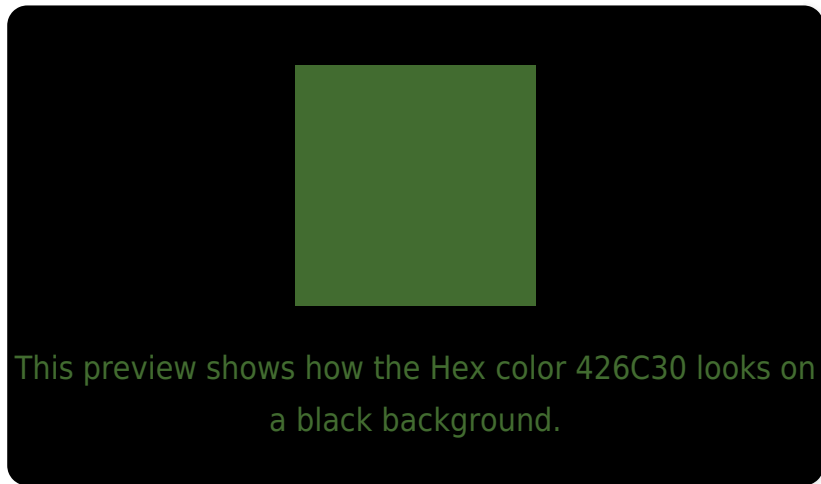
Large Text (above 18pt) WCAG AA ✓ Pass

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

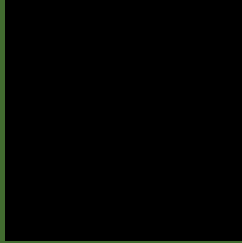
Any Text WCAG AA × Fail

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 426C30 Background



This preview shows how black text looks on a background with the Hex color 426C30.



This preview shows how white text looks on a background with the Hex color 426C30.

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
426C30

Protanopia
6C612D

Deuteranopia
775D34



Tritanopia
4C666E

Trichromacy



Original Color
426C30

Protanomaly
5D652E

Deuteranomaly
646233

Tritanomaly
486857

Monochromacy



Original Color
426C30

Achromatopsia
595959

Achromatomaly
51604A

CSS Examples

Text

The CSS property to change the color of the text to Hex 426C30 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 #426C30 looks like.

```
.text, #text, p{  
    color:#426C30  
}
```

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 #426C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426C30  
}
```

Border

The CSS property to change the border of an element to Hex 426C30 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".

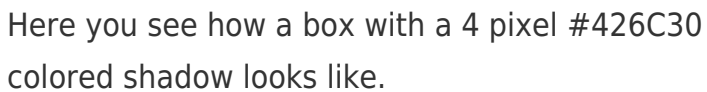
```
.border, #border, table{ border:4px solid  
#426C30 }
```

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

```
.border{ border-color:#426C30 }
```

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

Here you see how a box with a 4 pixel #426C30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426C30; -webkit-box-shadow:4px 4px  
4px 4px #426C30; box-shadow:4px 4px 4px  
4px #426C30 }
```

Background

The CSS property to change the background color of an element to Hex 426C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426C30 }
```

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

```
.background{ background-color:#426C30 }
```

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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