

Converting Colors

Hex(426F2B)

Have a look what the booklet for
Hex(426F2B) contains.

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Color

Hex(426F2B)

Conversions

Conversions Part 1

Format	Color
Hex	426F2B
RGB	66, 111, 43
RGB Percent	26%, 44%, 17%
CMY	0.7412, 0.5647, 0.8314
CMYK	0.41, 0.00, 0.61, 0.56
HSL	100°, 44%, 30%
HSV	100°, 61%, 44%
XYZ	8.3673, 12.7015, 4.2961
YIQ	89.7930, -4.9920, -30.6880

Conversions

Conversions Part 2

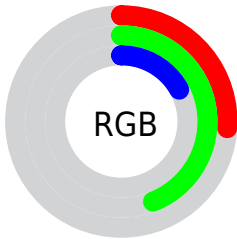
Format	Color
RYB	43, 111, 88
Decimal	4353835
CIELab	42.31, -28.91, 32.45
CIELCh	42, 43.458, 131.702
Yxy	12.7015, 0.3299, 0.5008
Android (android.graphics.Color)	4282543915 (0xFF426F2B)
YUV	89.7930, -23.0689, -20.8665
Hunter-Lab	35.6392, -20.4611, 17.8003

Details

The Hex color **426F2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **582B6F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **75A35B**, and **0F3F00** is the 20% darker color. If you saturate the color by 10%, you get **3B6F20**, and if you desaturate by 10%, it is **496F36**.

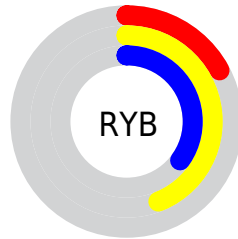
Distribution



Red (26%)

Green (44%)

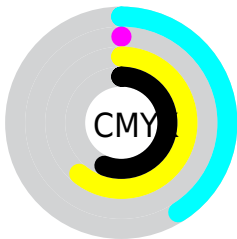
Blue (17%)



Red (17%)

Yellow (44%)

Blue (35%)

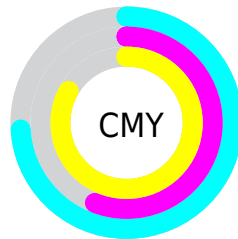


Cyan (41%)

Magenta (0%)

Yellow (61%)

Black (56%)



Cyan (74%)

Magenta (56%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426F2B 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 426F2B by changing the saturation by 10% instead.



426F2B



426F2B

FFFFFF



295613



75A35B



0F3F00



90BE74



002800



ABDA8E



000F00



C7F7A9



000000



E3FFC5



FFFFE1

FFFFFFE



426F2B



426F2B

■ 3B6F20

■ 496F36

■ 336F15

■ 516F41

■ 2C6F0A

■ 586F4C

■ 266F00

■ 5F6F57

■ 676F63

■ 6E6F6E

■ 756F79

■ 7D6F84

■ 846F8F

Harmonies

Analogous

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



6A6716



426F2B



00744C

Triad

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



426F2B



006EA8



A54357

Complementary

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



426F2B



582B6F

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.



9A467B



426F2B



3863AA

Square

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



426F2B



007493



78549A



9E4C36

Rectangle

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



426F2B



007565



78549A



A44263

Sweetspot

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



426F2B



809177



6F572B



3F4A3A



C9C9C9



4A4A4A

Same Dimension

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



426F2B



4A9126



2B6F35



343832



297800



54F700

Inverse Universe

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



582B6F



6D2691



6F2B65



363238



4F0078



A400F7

Previews

White Background



This preview shows how the Hex color 426F2B looks on a white background.

Color Contrast Check

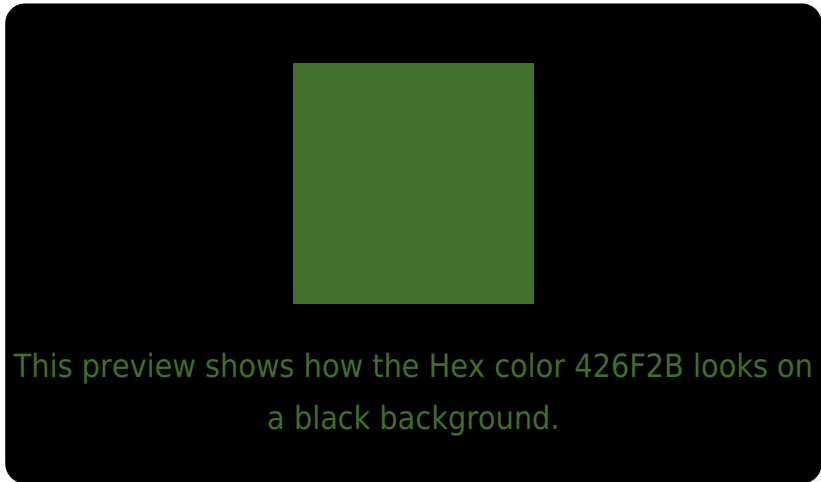
Large Text (above 18pt) WCAG AA ✓ Pass

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

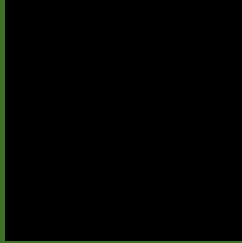
Any Text WCAG AA × Fail

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 426F2B Background



This preview shows how black text looks on a background with the Hex color 426F2B.



This preview shows how white text looks on a background with the Hex color 426F2B.

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
426F2B

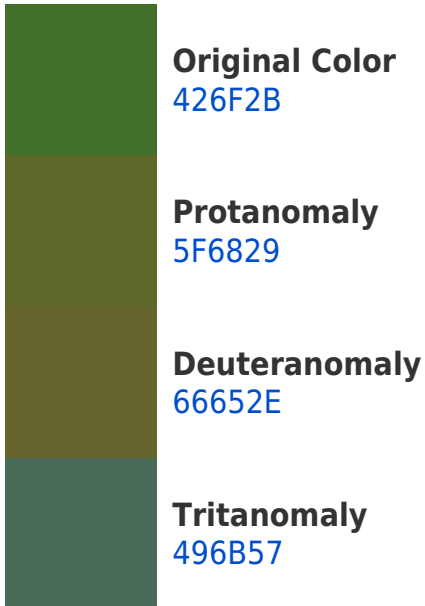
Protanopia
6F6428

Deuteranopia
7B5F30

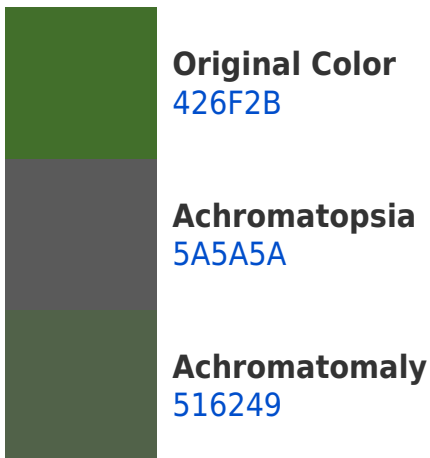


Tritanopia
4D6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 426F2B 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 #426F2B looks like.

```
.text, #text, p{  
    color:#426F2B  
}
```

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 #426F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426F2B
}
```

Border

The CSS property to change the border of an element to Hex 426F2B 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".

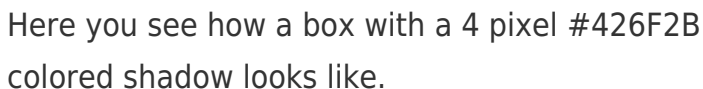
```
.border, #border, table{ border:4px solid
#426F2B }
```

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

```
.border{ border-color:#426F2B }
```

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

Here you see how a box with a 4 pixel #426F2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426F2B; -webkit-box-shadow:4px 4px  
4px 4px #426F2B; box-shadow:4px 4px 4px  
4px #426F2B }
```

Background

The CSS property to change the background color of an element to Hex 426F2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426F2B }
```

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

```
.background{ background-color:#426F2B }
```

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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