

Converting Colors

Hex(426B40)

Have a look what the booklet for
Hex(426B40) contains.

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Color

Hex(426B40)

Conversions

Conversions Part 1

Format	Color
Hex	426B40
RGB	66, 107, 64
RGB Percent	26%, 42%, 25%
CMY	0.7412, 0.5804, 0.7490
CMYK	0.38, 0.00, 0.40, 0.58
HSL	117°, 25%, 34%
HSV	117°, 40%, 42%
XYZ	8.4299, 12.0438, 6.7309
YIQ	89.8390, -10.6330, -22.0650

Conversions

Conversions Part 2

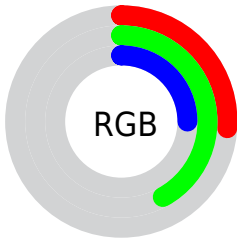
Format	Color
RYB	64, 107, 105
Decimal	4352832
CIELab	41.29, -23.94, 19.69
CIElCh	41, 30.997, 140.568
Yxy	12.0438, 0.3099, 0.4427
Android (android.graphics.Color)	4282542912 (0xFF426B40)
YUV	89.8390, -12.7386, -20.9068
Hunter-Lab	34.7042, -17.3735, 12.7936

Details

The Hex color **426B40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69406B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **749F70**, and **123B14** is the 20% darker color. If you saturate the color by 10%, you get **386B35**, and if you desaturate by 10%, it is **4C6B4B**.

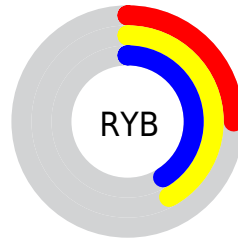
Distribution



Red (26%)

Green (42%)

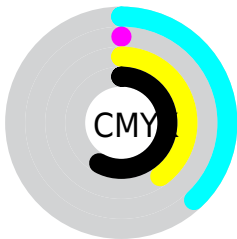
Blue (25%)



Red (25%)

Yellow (42%)

Blue (41%)

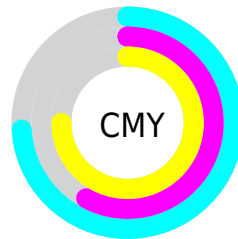


Cyan (38%)

Magenta (0%)

Yellow (40%)

Black (58%)



Cyan (74%)

Magenta (58%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 426B40 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 426B40 by changing the saturation by 10% instead.

 426B40

 426B40

FFFFFF

 2A532A

 749F70

 123B14

 8EBA8A

 002500

 A9D6A4

 000900

 C4F2BF

 000000

 E1FFDB

 FEFFF8

 426B40

 426B40

 386B35

 4C6B4B

■ 2E6B2B

■ 566B55

■ 236B20

■ 616B60

■ 196B15

■ 6B6B6B

■ 0F6B0A

■ 756B75

■ 056B00

■ 7F6B80

■ 896B8B

■ 946B96

■ 9E6BA0

Harmonies

Analogous

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



606530



426B40



176E58

Triad

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



426B40



236693



924D51

Complementary

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



426B40



69406B

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.



8D4D6B



426B40



575E91

Square

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



426B40



006C88



795482



8A543B

Rectangle

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



426B40



006F6A



795482



924C59

Sweetspot

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



426B40



7C8C7B



6B6940



3E473D



C7C7C7



474747

Same Dimension

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



426B40



4C8C49



406B53



303630



057500



0BF500

Inverse Universe

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



69406B



89498C



6B4058



353036



700075



E900F5

Previews

White Background



This preview shows how the Hex color 426B40 looks on a white background.

Color Contrast Check

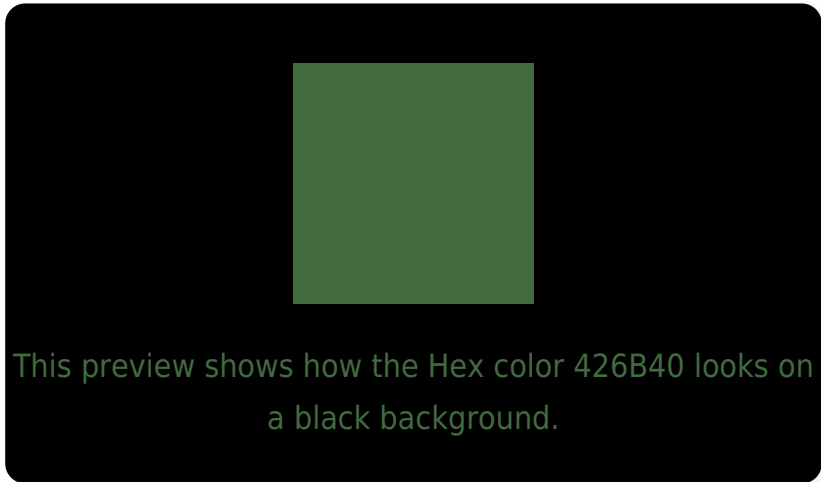
Large Text (above 18pt) WCAG AA ✓ Pass

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

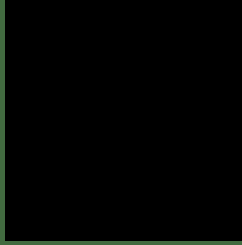
Any Text WCAG AA × Fail

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 426B40 Background



This preview shows how black text looks on a background with the Hex color 426B40.



This preview shows how white text looks on a background with the Hex color 426B40.

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
426B40

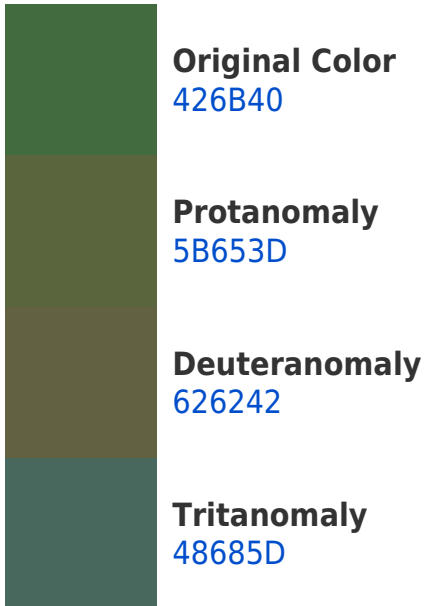
Protanopia
6A613C

Deuteranopia
745D43

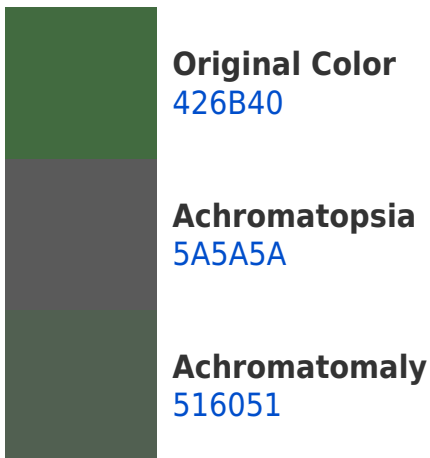


Tritanopia
4B666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 426B40 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 #426B40 looks like.

```
.text, #text, p{  
    color:#426B40  
}
```

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 #426B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426B40
}
```

Border

The CSS property to change the border of an element to Hex 426B40 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
#426B40 }
```

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

```
.border{ border-color:#426B40 }
```

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

Here you see how a box with a 4 pixel #426B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426B40; -webkit-box-shadow:4px 4px  
4px 4px #426B40; box-shadow:4px 4px 4px  
4px #426B40 }
```

Background

The CSS property to change the background color of an element to Hex 426B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426B40 }
```

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

```
.background{ background-color:#426B40 }
```

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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