

Converting Colors

Hex(406C2B)

Have a look what the booklet for
Hex(406C2B) contains.

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Color

Hex(406C2B)

Conversions

Conversions Part 1

Format	Color
Hex	406C2B
RGB	64, 108, 43
RGB Percent	25%, 42%, 17%
CMY	0.7490, 0.5765, 0.8314
CMYK	0.41, 0.00, 0.60, 0.58
HSL	101°, 43%, 30%
HSV	101°, 60%, 42%
XYZ	7.9130, 11.9895, 4.1827
YIQ	87.4340, -5.3590, -29.5430

Conversions

Conversions Part 2

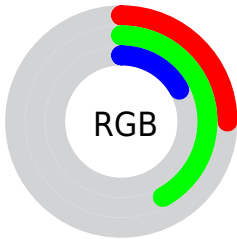
Format	Color
R_{YB}	43, 108, 87
Decimal	4221995
CIE _{Lab}	41.20, -28.22, 31.14
CIE _{LCh}	41, 42.025, 132.191
Yxy	11.9895, 0.3285, 0.4978
Android (android.graphics.Color)	4282412075 (0xFF406C2B)
YUV	87.4340, -21.9060, -20.5516
Hunter-Lab	34.6259, -19.8032, 17.0762

Details

The Hex color **406C2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572B6C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **73A05B**, and **0E3C00** is the 20% darker color. If you saturate the color by 10%, you get **396C20**, and if you desaturate by 10%, it is **476C36**.

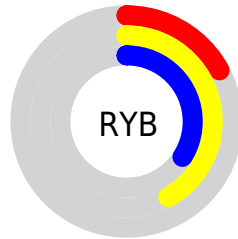
Distribution



Red (25%)

Green (42%)

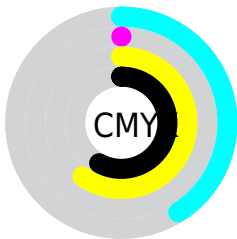
Blue (17%)



Red (17%)

Yellow (42%)

Blue (34%)

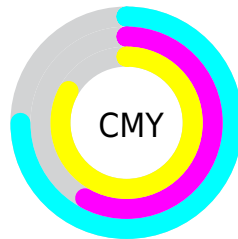


Cyan (41%)

Magenta (0%)

Yellow (60%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406C2B 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 406C2B by changing the saturation by 10% instead.



406C2B



406C2B

FFFFFF



275314



73A05B



0E3C00



8DBB74



002600



A8D78E



000800



C4F3A9



000000



E0FFC4



FEFFE0



FFFFFFD



406C2B



406C2B

■ 396C20

■ 476C36

■ 316C15

■ 4F6C41

■ 2A6C0B

■ 566C4B

■ 236C00

■ 5D6C56

■ 656C61

■ 6C6C6C

■ 736C77

■ 7A6C81

■ 826C8C

Harmonies

Analogous

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



666417



406C2B



00704B

Triad

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



406C2B



006BA3



A04254

Complementary

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



406C2B



572B6C

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.



954577



406C2B



3960A5

Square

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



406C2B



00708F



755295



994A34

Rectangle

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



406C2B



007263



755295



9F4160

Sweetspot

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



406C2B



7B8C73



6C562B



3D4738



C7C7C7



474747

Same Dimension

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



406C2B



488C27



2B6C36



323630



267500



4FF500

Inverse Universe

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



572B6C



6C278C



6C2B61



343036



4F0075



A600F5

Previews

White Background



This preview shows how the Hex color 406C2B looks on a white background.

Color Contrast Check

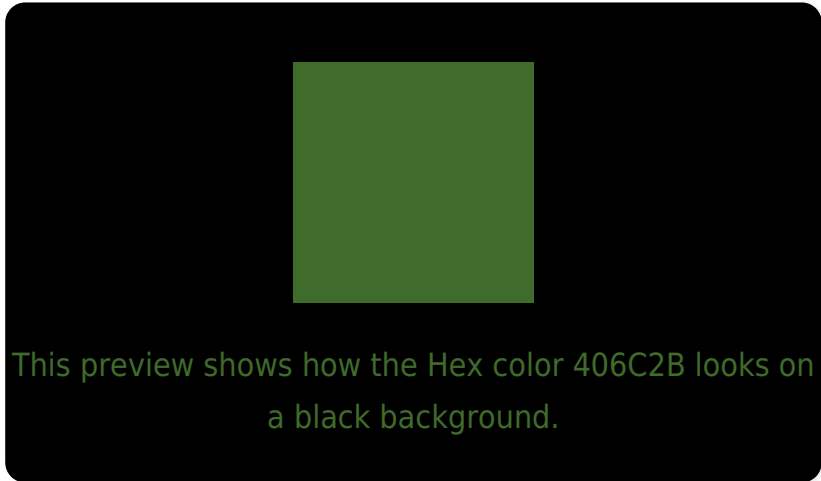
Large Text (above 18pt) WCAG AA ✓ Pass

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

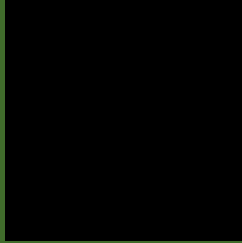
Any Text WCAG AA × Fail

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 406C2B Background



This preview shows how black text looks on a background with the Hex color 406C2B.



This preview shows how white text looks on a background with the Hex color 406C2B.

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
406C2B

Protanopia
6C6128

Deuteranopia
775C30



Tritanopia
4B656D

Trichromacy



Original Color
406C2B

Protanomaly
5C6529

Deuteranomaly
63622E

Tritanomaly
476855

Monochromacy



Original Color
406C2B

Achromatopsia
575757

Achromatomaly
4F5F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 406C2B 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 #406C2B looks like.

```
.text, #text, p{  
    color:#406C2B  
}
```

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 #406C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406C2B
}
```

Border

The CSS property to change the border of an element to Hex 406C2B 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
#406C2B }
```

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

```
.border{ border-color:#406C2B }
```

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

Here you see how a box with a 4 pixel #406C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406C2B; -webkit-box-shadow:4px 4px  
4px 4px #406C2B; box-shadow:4px 4px 4px  
4px #406C2B }
```

Background

The CSS property to change the background color of an element to Hex 406C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406C2B }
```

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

```
.background{ background-color:#406C2B }
```

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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