

Converting Colors

Hex(406E2D)

Have a look what the booklet for
Hex(406E2D) contains.

Hex(406E2D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(406E2D)

Conversions

Conversions Part 1

Format	Color
Hex	406E2D
RGB	64, 110, 45
RGB Percent	25%, 43%, 18%
CMY	0.7490, 0.5686, 0.8235
CMYK	0.42, 0.00, 0.59, 0.57
HSL	102°, 42%, 30%
HSV	102°, 59%, 43%
XYZ	8.1639, 12.4313, 4.4518
YIQ	88.8360, -6.5510, -29.9670

Conversions

Conversions Part 2

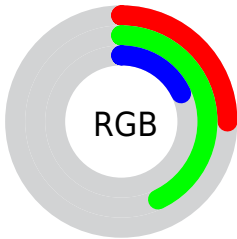
Format	Color
RYB	45, 110, 91
Decimal	4222509
CIELab	41.89, -28.93, 30.92
CIElCh	42, 42.342, 133.101
Yxy	12.4313, 0.3259, 0.4963
Android (android.graphics.Color)	4282412589 (0xFF406E2D)
YUV	88.8360, -21.6111, -21.7812
Hunter-Lab	35.2581, -20.3703, 17.1945

Details

The Hex color **406E2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2D6E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **73A25D**, and **0D3E00** is the 20% darker color. If you saturate the color by 10%, you get **386E22**, and if you desaturate by 10%, it is **486E38**.

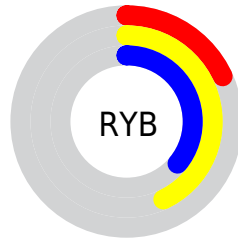
Distribution



Red (25%)

Green (43%)

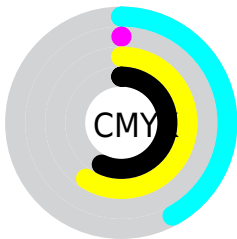
Blue (18%)



Red (18%)

Yellow (43%)

Blue (36%)

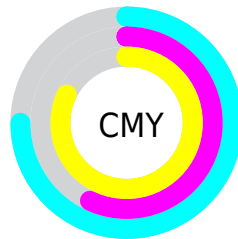


Cyan (42%)

Magenta (0%)

Yellow (59%)

Black (57%)



Cyan (75%)

Magenta (57%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406E2D 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 406E2D by changing the saturation by 10% instead.

 406E2D

 406E2D

FFFFFF

 275516

 73A25D

 0D3E00

 8DBD76

 002800

 A9D990

 000D00

 C4F6AB

 000000

 E1FFC7

 FEFFE3

 406E2D

 406E2D

 386E22

 486E38

■ 306E17

■ 506E43

■ 296E0C

■ 576E4E

■ 216E01

■ 5F6E59

■ 206E00

■ 676E64

■ 6F6E6F

■ 766E7A

■ 7E6E85

■ 866E90

Harmonies

Analogous

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



676618



406E2D



00724D

Triad

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



406E2D



006CA5



A34355

Complementary

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



406E2D



5B2D6E

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.



984678



406E2D



3D61A7

Square

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



406E2D



007292



785396



9B4C35

Rectangle

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



406E2D



007466



785396



A14361

Sweetspot

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



406E2D



7D8F75



6E5B2D



3C4738



C7C7C7



474747

Same Dimension

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



406E2D



478F29



2D6E3A



343832



237800



48F700

Inverse Universe

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



5B2D6E



71298F



6E2D61



363238



550078



AF00F7

Previews

White Background



This preview shows how the Hex color 406E2D looks on a white background.

Color Contrast Check

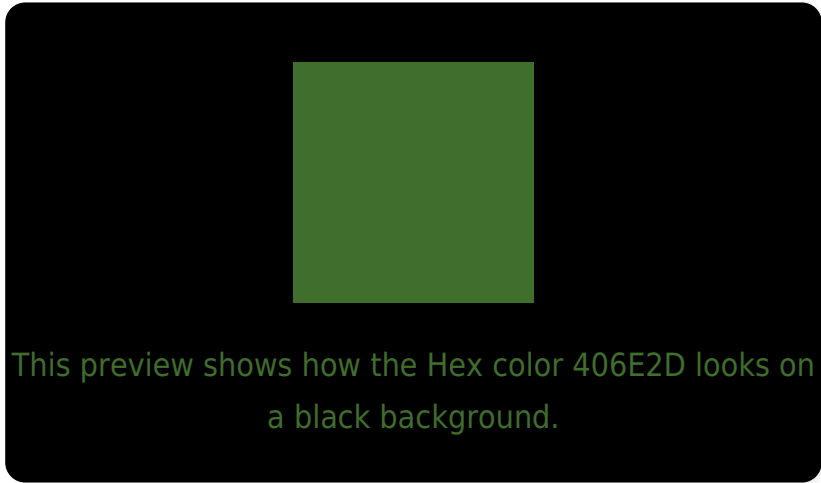
Large Text (above 18pt) WCAG AA ✓ Pass

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

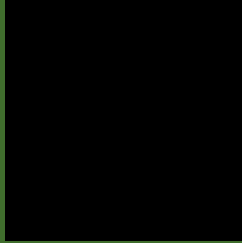
Any Text WCAG AA × Fail

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 406E2D Background



This preview shows how black text looks on a background with the Hex color 406E2D.



This preview shows how white text looks on a background with the Hex color 406E2D.

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
406E2D

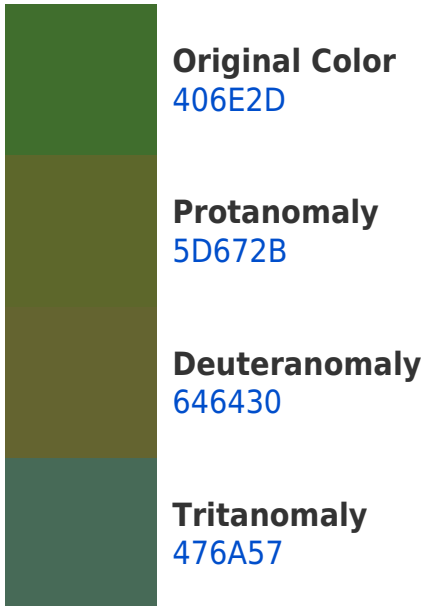
Protanopia
6E632A

Deuteranopia
795E32

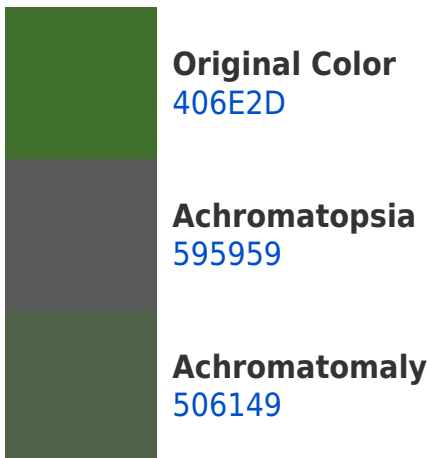


Tritanopia
4B676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 406E2D 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 #406E2D looks like.

```
.text, #text, p{  
    color:#406E2D  
}
```

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 #406E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406E2D
}
```

Border

The CSS property to change the border of an element to Hex 406E2D 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".

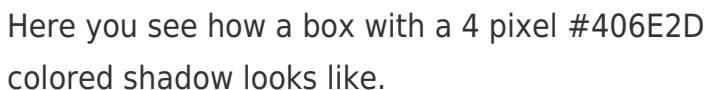
```
.border, #border, table{ border:4px solid
#406E2D }
```

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

```
.border{ border-color:#406E2D }
```

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

Here you see how a box with a 4 pixel #406E2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406E2D; -webkit-box-shadow:4px 4px  
4px 4px #406E2D; box-shadow:4px 4px 4px  
4px #406E2D }
```

Background

The CSS property to change the background color of an element to Hex 406E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406E2D }
```

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

```
.background{ background-color:#406E2D }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor