

Converting Colors

Hex(406C3E)

Have a look what the booklet for
Hex(406C3E) contains.

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Color

Hex(406C3E)

Conversions

Conversions Part 1

Format	Color
Hex	406C3E
RGB	64, 108, 62
RGB Percent	25%, 42%, 24%
CMY	0.7490, 0.5765, 0.7569
CMYK	0.41, 0.00, 0.43, 0.58
HSL	117°, 27%, 33%
HSV	117°, 43%, 42%
XYZ	8.3464, 12.1629, 6.4652
YIQ	89.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

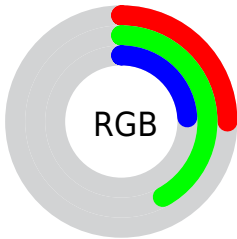
Format	Color
RYB	62, 108, 106
Decimal	4222014
CIELab	41.47, -25.49, 21.07
CIELCh	41, 33.070, 140.428
Yxy	12.1629, 0.3094, 0.4509
Android (android.graphics.Color)	4282412094 (0xFF406C3E)
YUV	89.6000, -13.6068, -22.4512
Hunter-Lab	34.8754, -18.3131, 13.4216

Details

The Hex color **406C3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A3E6C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **72A06E**, and **0F3C12** is the 20% darker color. If you saturate the color by 10%, you get **366C33**, and if you desaturate by 10%, it is **4A6C49**.

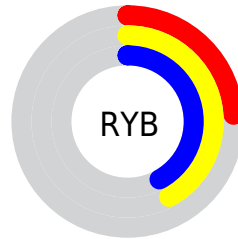
Distribution



Red (25%)

Green (42%)

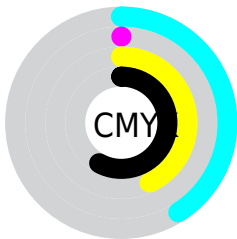
Blue (24%)



Red (24%)

Yellow (42%)

Blue (42%)

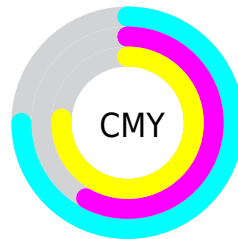


Cyan (41%)

Magenta (0%)

Yellow (43%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406C3E 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 406C3E by changing the saturation by 10% instead.



406C3E



406C3E

FFFFFF



285328



72A06E



0F3C12



8CBB88



002600



A7D7A2



000A00



C3F3BD



000000



DFFFD9



FCFFF6



406C3E



406C3E



366C33



4A6C49

 2B6C28

 556C54

 216C1E

 5F6C5E

 176C13

 696C69

 0C6C08

 746C74

 056C00

 7E6C7F

 886C8A

 936C94

 9D6C9F

Harmonies

Analogous

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



60662D



406C3E



096F58

Triad

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



406C3E



166797



954C50

Complementary

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



406C3E



6A3E6C

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.



904C6C



406C3E



565E95

Square

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



406C3E



006D8B



7B5485



8D5339

Rectangle

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



406C3E



00706B



7B5485



954B59

Sweetspot

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



406C3E



7B8C7A



6C6A3E



3C473C



C7C7C7



474747

Same Dimension

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



406C3E



488C45



3E6C53



303630



057500



0BF500

Inverse Universe

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



6A3E6C



89458C



6C3E57



353036



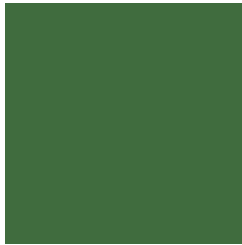
700075



EA00F5

Previews

White Background



This preview shows how the Hex color 406C3E looks on a white background.

Color Contrast Check

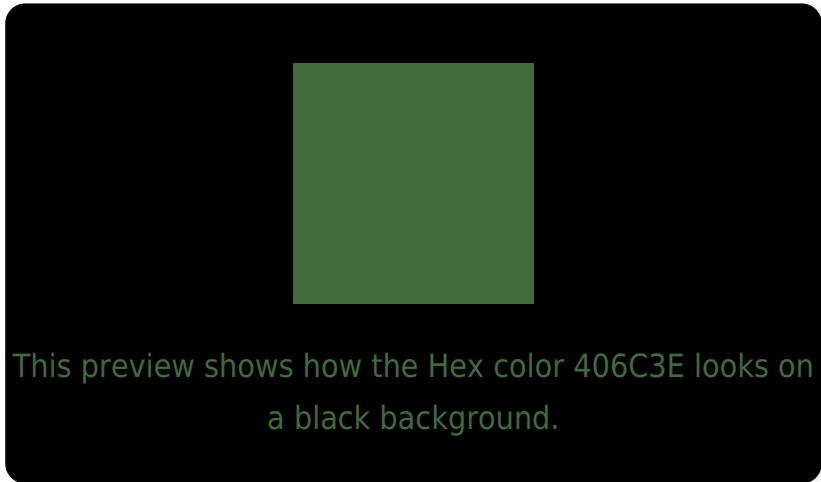
Large Text (above 18pt) WCAG AA ✓ Pass

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

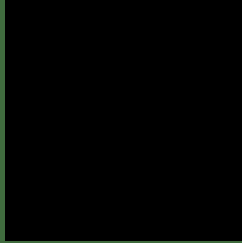
Any Text WCAG AA × Fail

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 406C3E Background



This preview shows how black text looks on a background with the Hex color 406C3E.



This preview shows how white text looks on a background with the Hex color 406C3E.

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
406C3E

Protanopia
6B613A

Deuteranopia
755D41



Tritanopia
49666F

Trichromacy



Original Color
406C3E

Protanomaly
5B653B

Deuteranomaly
626240

Tritanomaly
46685D

Monochromacy



Original Color
406C3E

Achromatopsia
5A5A5A

Achromatomaly
516150

CSS Examples

Text

The CSS property to change the color of the text to Hex 406C3E 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 #406C3E looks like.

```
.text, #text, p{  
    color:#406C3E  
}
```

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 #406C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406C3E
}
```

Border

The CSS property to change the border of an element to Hex 406C3E 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
#406C3E }
```

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

```
.border{ border-color:#406C3E }
```

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

Here you see how a box with a 4 pixel #406C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406C3E; -webkit-box-shadow:4px 4px  
4px 4px #406C3E; box-shadow:4px 4px 4px  
4px #406C3E }
```

Background

The CSS property to change the background color of an element to Hex 406C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406C3E }
```

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

```
.background{ background-color:#406C3E }
```

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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