

Converting Colors

Hex(416A46)

Have a look what the booklet for
Hex(416A46) contains.

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Color

Hex(416A46)

Conversions

Conversions Part 1

Format	Color
Hex	416A46
RGB	65, 106, 70
RGB Percent	25%, 42%, 27%
CMY	0.7451, 0.5843, 0.7255
CMYK	0.39, 0.00, 0.34, 0.58
HSL	127°, 24%, 34%
HSV	127°, 39%, 42%
XYZ	8.4395, 11.8741, 7.6415
YIQ	89.6370, -12.8800, -19.8880

Conversions

Conversions Part 2

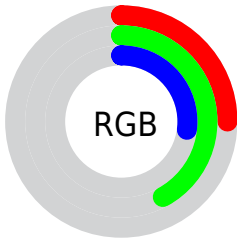
Format	Color
R _{YB}	65, 102, 106
Decimal	4287046
CIE Lab	41.02, -22.69, 15.81
CIE LCh	41, 27.654, 145.141
Yxy	11.8741, 0.3019, 0.4248
Android (android.graphics.Color)	4282477126 (0xFF416A46)
YUV	89.6370, -9.6810, -21.6066
Hunter-Lab	34.4588, -16.5854, 10.9732

Details

The Hex color **416A46** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A4165**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **739E77**, and **113A1A** is the 20% darker color. If you saturate the color by 10%, you get **366A3D**, and if you desaturate by 10%, it is **4C6A4F**.

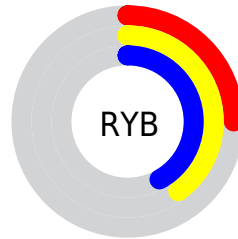
Distribution



 Red (25%)

 Green (42%)

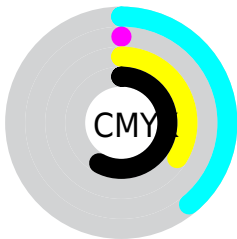
 Blue (27%)



 Red (25%)

 Yellow (40%)

 Blue (42%)

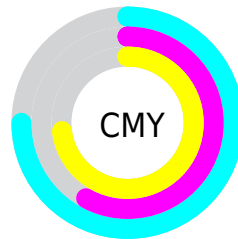


 Cyan (39%)


 Magenta (0%)

 Yellow (34%)

 Black (58%)



 Cyan (75%)

 Magenta (58%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416A46 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 416A46 by changing the saturation by 10% instead.



416A46



416A46

FFFFFF



29522F



739E77



113A1A



8DB990



002400



A8D4AB



000700



C3F1C6



000000



DFFFE2



FCFFFF



416A46



416A46



366A3D



4C6A4F

■ 2C6A33

■ 566A59

■ 216A2A

■ 616A62

■ 176A21

■ 6B6A6B

■ 0C6A17

■ 766A75

■ 016A0E

■ 816A7E

■ 006A0D

■ 8B6A87

■ 966A90

■ A06A9A

Harmonies

Analogous

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



5C6537



416A46



1F6C5C

Triad

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



416A46



37648E



8C504F

Complementary

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



416A46



6A4165

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.



894F65



416A46



5E5C8A

Square

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



416A46



006A85



7A547B



84563C

Rectangle

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



416A46



006D6C



7A547B



8D4F56

Sweetspot

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



416A46



798A7B



656A41



3B453C



C4C4C4



454545

Same Dimension

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



416A46



4A8A52



416A5A



303631



00750E



00F51E

Inverse Universe

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



6A4165



8A4A82



6A4151



363035



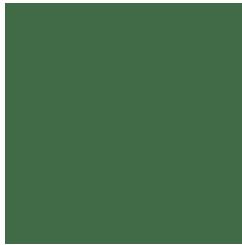
750067



F500D7

Previews

White Background



This preview shows how the Hex color 416A46 looks on a white background.

Color Contrast Check

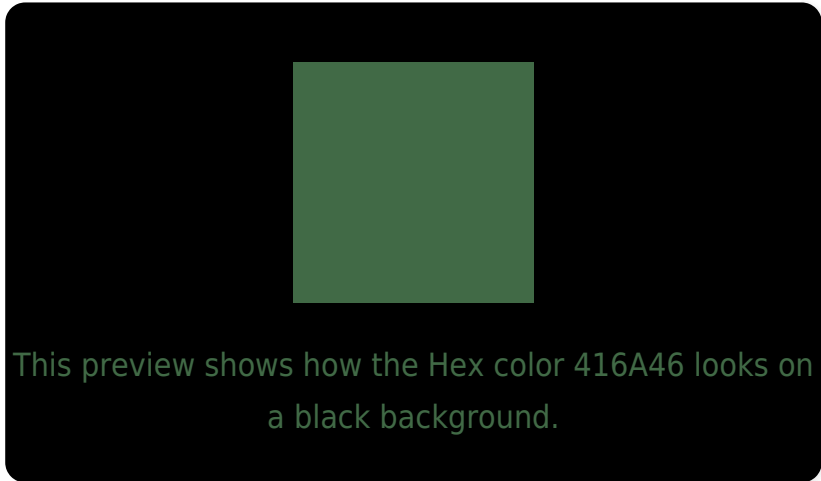
Large Text (above 18pt) WCAG AA ✓ Pass

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

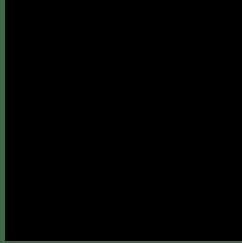
Any Text WCAG AA × Fail

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 416A46 Background



This preview shows how black text looks on a background with the Hex color 416A46.



This preview shows how white text looks on a background with the Hex color 416A46.

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
416A46

Protanopia
686042

Deuteranopia
715C49



Tritanopia
49656D

Trichromacy



Original Color
416A46

Protanomaly
5A6443

Deuteranomaly
606148

Tritanomaly
46675F

Monochromacy



Original Color
416A46

Achromatopsia
5A5A5A

Achromatomaly
516053

CSS Examples

Text

The CSS property to change the color of the text to Hex 416A46 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 #416A46 looks like.

```
.text, #text, p{  
    color:#416A46  
}
```

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 #416A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416A46
}
```

Border

The CSS property to change the border of an element to Hex 416A46 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
#416A46 }
```

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

```
.border{ border-color:#416A46 }
```

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

Here you see how a box with a 4 pixel #416A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416A46; -webkit-box-shadow:4px 4px  
4px 4px #416A46; box-shadow:4px 4px 4px  
4px #416A46 }
```

Background

The CSS property to change the background color of an element to Hex 416A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416A46 }
```

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

```
.background{ background-color:#416A46 }
```

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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