

Converting Colors

Hex(416F44)

Have a look what the booklet for
Hex(416F44) contains.

Hex(416F44)	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(416F44)

Conversions

Conversions Part 1

Format	Color
Hex	416F44
RGB	65, 111, 68
RGB Percent	25%, 44%, 27%
CMY	0.7451, 0.5647, 0.7333
CMYK	0.41, 0.00, 0.39, 0.56
HSL	124°, 26%, 35%
HSV	124°, 41%, 44%
XYZ	8.9078, 12.9101, 7.4912
YIQ	92.3440, -13.6130, -23.1250

Conversions

Conversions Part 2

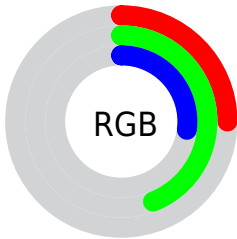
Format	Color
RYB	65, 108, 111
Decimal	4288324
CIELab	42.63, -25.59, 19.13
CIELCh	43, 31.948, 143.219
Yxy	12.9101, 0.3039, 0.4405
Android (android.graphics.Color)	4282478404 (0xFF416F44)
YUV	92.3440, -12.0016, -23.9807
Hunter-Lab	35.9306, -18.6253, 12.7899

Details

The Hex color **416F44** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F416C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **73A375**, and **0F3F18** is the 20% darker color. If you saturate the color by 10%, you get **366F3A**, and if you desaturate by 10%, it is **4C6F4E**.

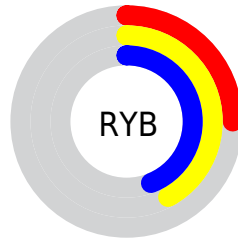
Distribution



Red (25%)

Green (44%)

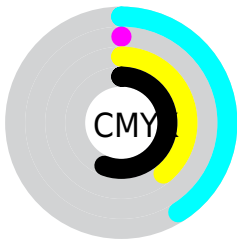
Blue (27%)



Red (25%)

Yellow (42%)

Blue (44%)

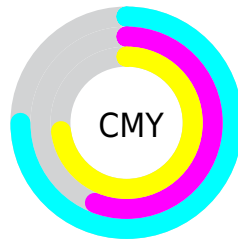


Cyan (41%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416F44 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 416F44 by changing the saturation by 10% instead.



416F44



416F44

FFFFFF



29562D



73A375



0F3F18



8DBE8E



002800



A8DAA9



001100



C4F7C4



000000



E0FFE0



FDFFFD



416F44



416F44



366F3A



4C6F4E

■ 2B6F2F

■ 576F59

■ 206F25

■ 626F63

■ 156F1A

■ 6D6F6E

■ 0A6F10

■ 796F78

■ 006F07

■ 846F82

■ 8F6F8D

■ 9A6F97

■ A56FA1

Harmonies

Analogous

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



606933



416F44



0F725E

Triad

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



416F44



2A6999



975051

Complementary

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



416F44



6F416C

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.



934F6C



416F44



5E6095

Square

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



416F44



006F8E



805685



8D583B

Rectangle

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



416F44



007270



805685



974F5A

Sweetspot

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



416F44



809181



6D6F41



404A40



C9C9C9



4A4A4A

Same Dimension

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



416F44



49914D



416F5A



323833



007808



00F710

Inverse Universe

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



6F416C



91498D



6F4156



383238



780070



F700E7

Previews

White Background



This preview shows how the Hex color 416F44 looks on a white background.

Color Contrast Check

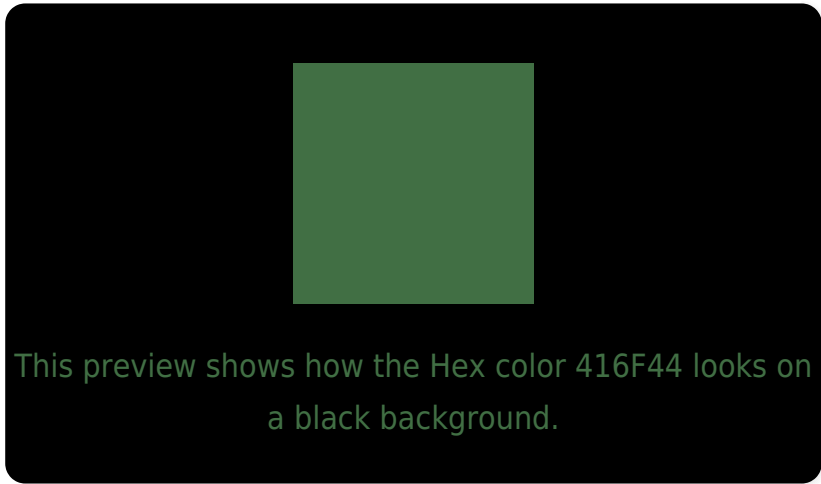
Large Text (above 18pt) WCAG AA ✓ Pass

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 416F44 Background



This preview shows how black text looks on a background with the Hex color 416F44.



This preview shows how white text looks on a background with the Hex color 416F44.

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
416F44

Protanopia
6D6440

Deuteranopia
776047



Tritanopia
4A6972

Trichromacy



Original Color
416F44

Protanomaly
5D6841

Deuteranomaly
636546

Tritanomaly
476B61

Monochromacy



Original Color
416F44

Achromatopsia
5C5C5C

Achromatomaly
526353

CSS Examples

Text

The CSS property to change the color of the text to Hex 416F44 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 #416F44 looks like.

```
.text, #text, p{  
    color:#416F44  
}
```

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 #416F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416F44
}
```

Border

The CSS property to change the border of an element to Hex 416F44 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
#416F44 }
```

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

```
.border{ border-color:#416F44 }
```

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

Here you see how a box with a 4 pixel #416F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416F44; -webkit-box-shadow:4px 4px  
4px 4px #416F44; box-shadow:4px 4px 4px  
4px #416F44 }
```

Background

The CSS property to change the background color of an element to Hex 416F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416F44 }
```

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

```
.background{ background-color:#416F44 }
```

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