

Converting Colors

Hex(466D2C)

Have a look what the booklet for
Hex(466D2C) contains.

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Color

Hex(466D2C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 466D2C |
| RGB | 70, 109, 44 |
| RGB Percent | 27%, 43%, 17% |
| CMY | 0.7255, 0.5725, 0.8275 |
| CMYK | 0.36, 0.00, 0.60, 0.57 |
| HSL | 96°, 42%, 30% |
| HSV | 96°, 60%, 43% |
| XYZ | 8.4490, 12.4212, 4.3351 |
| YIQ | 89.9290, -2.3790, -28.4830 |

Conversions

Conversions Part 2

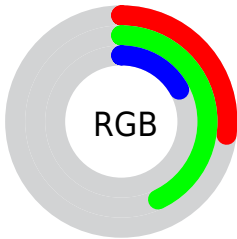
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 44, 109, 83 |
| Decimal | 4615468 |
| CIE _{Lab} | 41.88, -26.33, 31.50 |
| CIE _{LCh} | 42, 41.050, 129.890 |
| Yxy | 12.4212, 0.3352, 0.4928 |
| Android (android.graphics.Color) | 4282805548 (0xFF466D2C) |
| YUV | 89.9290, -22.6430, -17.4777 |
| Hunter-Lab | 35.2437, -18.8844, 17.3778 |

Details

The Hex color **466D2C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532C6D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **79A15C**, and **153D00** is the 20% darker color. If you saturate the color by 10%, you get **3F6D21**, and if you desaturate by 10%, it is **4D6D37**.

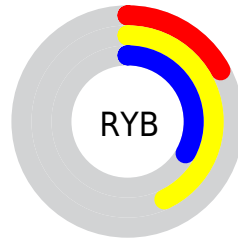
Distribution



Red (27%)

Green (43%)

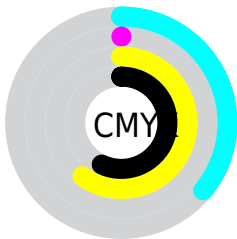
Blue (17%)



Red (17%)

Yellow (43%)

Blue (33%)

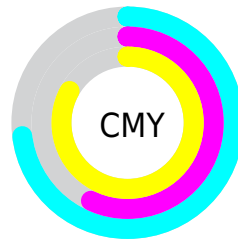


Cyan (36%)

Magenta (0%)

Yellow (60%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466D2C 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 466D2C by changing the saturation by 10% instead.



466D2C



466D2C

FFFFFF



2D5415



79A15C



153D00



93BC75



002700



AFD88F



000D00



CAF4AA



000000



E7FFC6



FFFFE2



466D2C



466D2C



3F6D21



4D6D37

■ 396D16

■ 536D42

■ 326D0B

■ 5A6D4D

■ 2C6D00

■ 606D58

■ 676D63

■ 6D6D6D

■ 746D78

■ 7A6D83

■ 816D8E

Harmonies

Analogous

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



6B651B



466D2C



00724A

Triad

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



466D2C



006DA2



A14459

Complementary

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



466D2C



532C6D

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.



94487B



466D2C



3763A5

Square

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



466D2C



00728D



735597



9B4C39

Rectangle

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



466D2C



007362



735597



9F4464

Sweetspot

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



466D2C



7F8F75



6D532C



3E4738



C7C7C7



474747

Same Dimension

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



466D2C



518F28



2C6D31



323630



2F7500



62F500

Inverse Universe

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



532C6D



66288F



6D2C67



333036



460075



9300F5

Previews

White Background



This preview shows how the Hex color 466D2C looks on a white background.

Color Contrast Check

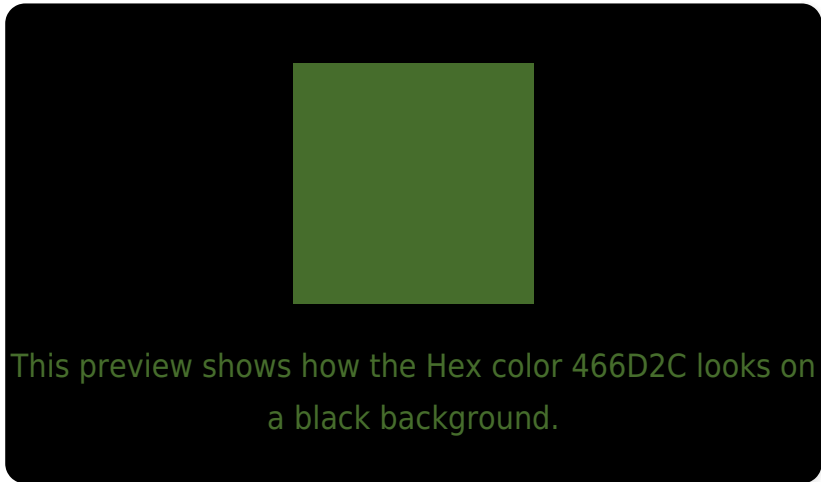
Large Text (above 18pt) WCAG AA ✓ Pass

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

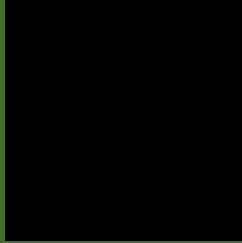
Any Text WCAG AA × Fail

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 466D2C Background



This preview shows how black text looks on a background with the Hex color 466D2C.



This preview shows how white text looks on a background with the Hex color 466D2C.

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
466D2C

Protanopia
6E6329

Deuteranopia
795E30



Tritanopia
50666E

Trichromacy



Original Color
466D2C

Protanomaly
5F672A

Deuteranomaly
66632F

Tritanomaly
4C6956

Monochromacy



Original Color
466D2C

Achromatopsia
5A5A5A

Achromatomaly
536149

CSS Examples

Text

The CSS property to change the color of the text to Hex 466D2C 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 #466D2C looks like.

```
.text, #text, p{  
    color:#466D2C  
}
```

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 #466D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466D2C
}
```

Border

The CSS property to change the border of an element to Hex 466D2C 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".

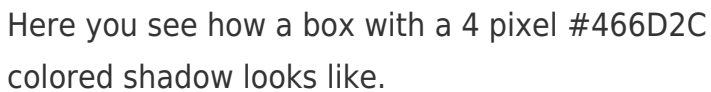
```
.border, #border, table{ border:4px solid
#466D2C }
```

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

```
.border{ border-color:#466D2C }
```

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

Here you see how a box with a 4 pixel #466D2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466D2C; -webkit-box-shadow:4px 4px  
4px 4px #466D2C; box-shadow:4px 4px 4px  
4px #466D2C }
```

Background

The CSS property to change the background color of an element to Hex 466D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466D2C }
```

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

```
.background{ background-color:#466D2C }
```

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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