

Converting Colors

Hex(466016)

Have a look what the booklet for
Hex(466016) contains.

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Color

Hex(466016)

Conversions

Conversions Part 1

Format	Color
Hex	466016
RGB	70, 96, 22
RGB Percent	27%, 38%, 9%
CMY	0.7255, 0.6235, 0.9137
CMYK	0.27, 0.00, 0.77, 0.62
HSL	81°, 63%, 23%
HSV	81°, 77%, 38%
XYZ	6.8535, 9.7258, 2.2751
YIQ	79.7900, 8.2580, -28.5260

Conversions

Conversions Part 2

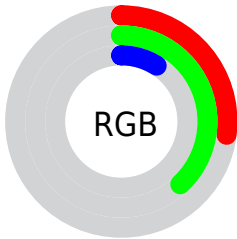
Format	Color
R_{YB}	22, 96, 48
Decimal	4612118
CIE Lab	37.35, -21.83, 36.89
CIE LCh	37, 42.863, 120.613
Yxy	9.7258, 0.3635, 0.5158
Android (android.graphics.Color)	4282802198 (0xFF466016)
YUV	79.7900, -28.4905, -8.5858
Hunter-Lab	31.1862, -15.3486, 17.5050

Details

The Hex color **466016** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **301660**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **799347**, and **163100** is the 20% darker color. If you saturate the color by 10%, you get **43600C**, and if you desaturate by 10%, it is **496020**.

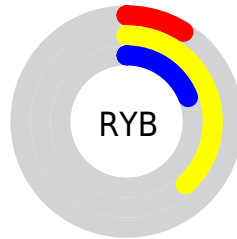
Distribution



Red (27%)

Green (38%)

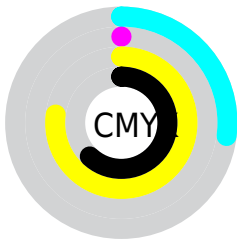
Blue (9%)



Red (9%)

Yellow (38%)

Blue (19%)

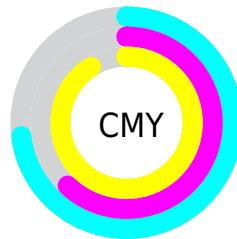


Cyan (27%)

Magenta (0%)

Yellow (77%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466016 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 466016 by changing the saturation by 10% instead.



466016



466016

FFFFFF



2E4800



799347



163100



93AD60



001E00



AFC979



000000



CBE593



E7FFAE



FFFCA



FFFFE7



466016



466016

■ 43600C

■ 496020

■ 3F6003

■ 4D6029

■ 3E6000

■ 506033

■ 53603C

■ 576046

■ 5A6050

■ 5E6059

■ 616063

■ 64606C

Harmonies

Analogous

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



695608



466016



086634

Triad

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



466016



006494



953659

Complementary

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



466016



301660

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.



823F7A



466016



005C9D

Square

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



466016



00687A



584E94



943B37

Rectangle

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



466016



00684B



584E94



913864

Sweetspot

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



466016



737D60



603016



39402E



BFBFBF



404040

Same Dimension

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



466016



547D09



216016



2F302C



497000



9BF000

Inverse Universe

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



301660



32097D



551660



2D2C30



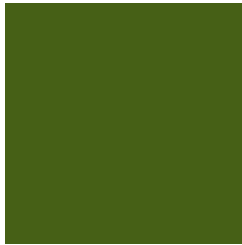
270070



5400F0

Previews

White Background



This preview shows how the Hex color 466016 looks on a white background.

Color Contrast Check

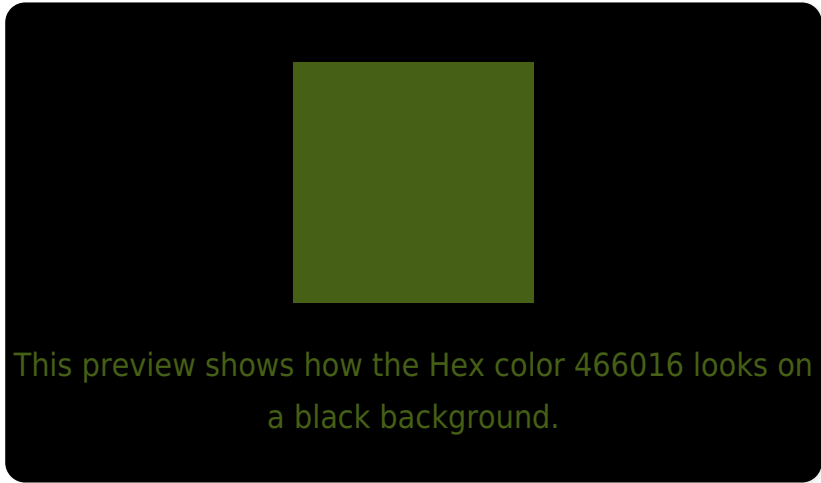
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

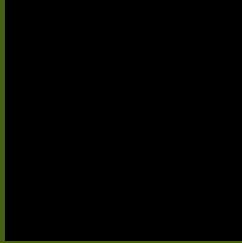
Any Text WCAG AA × Fail

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 466016 Background



This preview shows how black text looks on a background with the Hex color 466016.



This preview shows how white text looks on a background with the Hex color 466016.

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
466016

Protanopia
635814

Deuteranopia
6E531C



Tritanopia
4F5961

Trichromacy



Original Color
466016

Protanomaly
585B15

Deuteranomaly
5F581A

Tritanomaly
4C5C46

Monochromacy



Original Color
466016

Achromatopsia
505050

Achromatomaly
4C563B

CSS Examples

Text

The CSS property to change the color of the text to Hex 466016 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 #466016 looks like.

```
.text, #text, p{  
    color:#466016  
}
```

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 #466016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466016
}
```

Border

The CSS property to change the border of an element to Hex 466016 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
#466016 }
```

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

```
.border{ border-color:#466016 }
```

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

Here you see how a box with a 4 pixel #466016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466016; -webkit-box-shadow:4px 4px  
4px 4px #466016; box-shadow:4px 4px 4px  
4px #466016 }
```

Background

The CSS property to change the background color of an element to Hex 466016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466016 }
```

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

```
.background{ background-color:#466016 }
```

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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