

# Converting Colors

Hex(416F16)

Have a look what the booklet for  
Hex(416F16) contains.

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**Color**

**Hex(416F16)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	416F16
RGB	65, 111, 22
RGB Percent	25%, 44%, 9%
CMY	0.7451, 0.5647, 0.9137
CMYK	0.41, 0.00, 0.80, 0.56
HSL	91°, 67%, 26%
HSV	91°, 80%, 44%
XYZ	8.0092, 12.5506, 2.7594
YIQ	87.1000, 1.1530, -37.4310

# Conversions

## Conversions Part 2

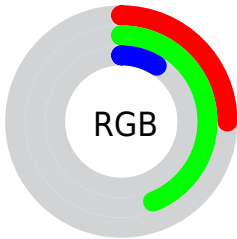
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 111, 68
Decimal	4288278
CIE <sub>Lab</sub>	42.08, -31.13, 41.39
CIE <sub>LCh</sub>	42, 51.789, 126.949
Yxy	12.5506, 0.3435, 0.5382
Android (android.graphics.Color)	4282478358 (0xFF416F16)
YUV	87.1000, -32.0943, -19.3817
Hunter-Lab	35.4269, -21.6421, 20.1806

# Details

The Hex color **416F16** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **44166F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **75A349**, and **0C3F00** is the 20% darker color. If you saturate the color by 10%, you get **3B6F0B**, and if you desaturate by 10%, it is **476F21**.

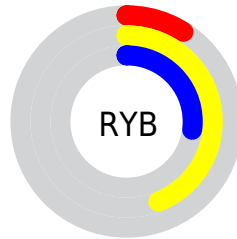
# Distribution



Red (25%)

Green (44%)

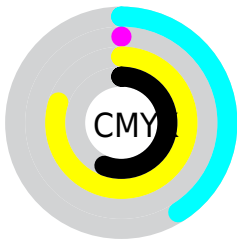
Blue (9%)



Red (9%)

Yellow (44%)

Blue (27%)

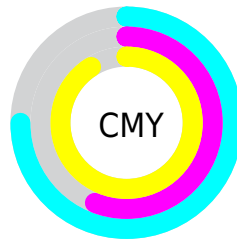


Cyan (41%)

Magenta (0%)

Yellow (80%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 416F16 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 416F16 by changing the saturation by 10% instead.





416F16



416F16

FFFFFF



275600



75A349



0C3F00



90BE62



002800



ABDA7C



000E00



C8F797



000000



E4FFB2



FFFFCE



FFFFEA



416F16



416F16

■ 3B6F0B

■ 476F21

■ 366F00

■ 4C6F2C

■ 526F37

■ 586F42

■ 5E6F4E

■ 636F59

■ 696F64

■ 6F6F6F

■ 756F7A

# Harmonies

## Analogous

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



6F6500



416F16



007540

# Triad

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



416F16



0071B2



AF375B

# Complementary

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



416F16



44166F

# 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.



9E3F86



416F16



0065B8

# Square

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



416F16



007696



7153A8



A94232

# Rectangle

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



416F16



00775D



7153A8



AC376A



# Sweetspot

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



416F16



7F916E



6F4416



3F4A35



C9C9C9



4A4A4A



# Same Dimension

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



416F16



499106



166F17



353832



3A7800



78F700



# Inverse Universe

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



44166F



4E0691



6F166E



353238



3E0078



8000F7



# Previews

## White Background



This preview shows how the Hex color 416F16 looks on a white background.

## Color Contrast Check

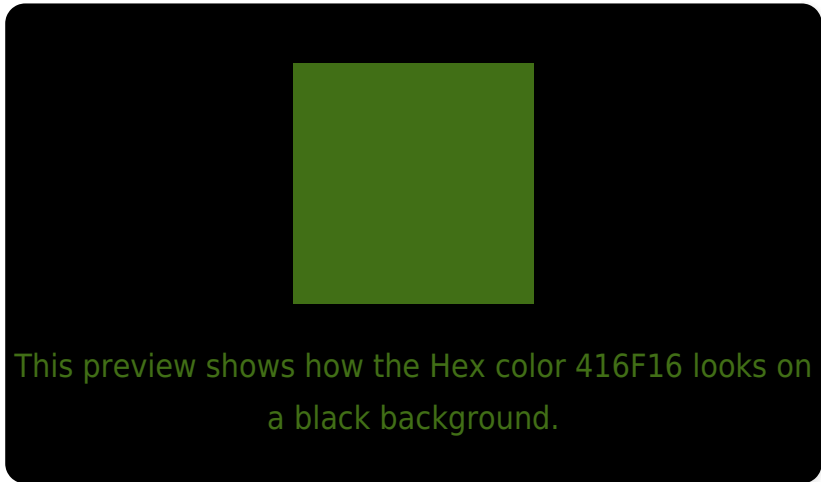
Large Text (above 18pt) WCAG AA ✓ Pass

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 416F16 Background



This preview shows how black text looks on a background with the Hex color 416F16.



This preview shows how white text looks on a background with the Hex color 416F16.

# 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**  
416F16

**Protanopia**  
6F6313

**Deuteranopia**  
7C5E1E



**Tritanopia**  
4D6770

# Trichromacy



**Original Color**  
416F16

**Protanomaly**  
5E6714

**Deuteranomaly**  
67641B

**Tritanomaly**  
496A4F

# Monochromacy



**Original Color**  
416F16

**Achromatopsia**  
575757

**Achromatomaly**  
4F603F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 416F16 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 #416F16 looks like.

```
.text, #text, p{  
    color:#416F16  
}
```

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 #416F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416F16
}
```

## Border

The CSS property to change the border of an element to Hex 416F16 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".

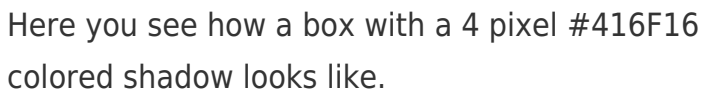
```
.border, #border, table{ border:4px solid
#416F16 }
```

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

```
.border{ border-color:#416F16 }
```

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

Here you see how a box with a 4 pixel #416F16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416F16; -webkit-box-shadow:4px 4px  
4px 4px #416F16; box-shadow:4px 4px 4px  
4px #416F16 }
```

# Background

The CSS property to change the background color of an element to Hex 416F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416F16 }
```

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

```
.background{ background-color:#416F16 }
```

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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