

# Converting Colors

Hex(416D11)

Have a look what the booklet for  
Hex(416D11) contains.

<b>Hex(416D11)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(416D11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	416D11
RGB	65, 109, 17
RGB Percent	25%, 43%, 7%
CMY	0.7451, 0.5725, 0.9333
CMYK	0.40, 0.00, 0.84, 0.57
HSL	89°, 73%, 25%
HSV	89°, 84%, 43%
XYZ	7.7498, 12.1016, 2.4577
YIQ	85.3560, 3.3080, -37.9400

# Conversions

## Conversions Part 2

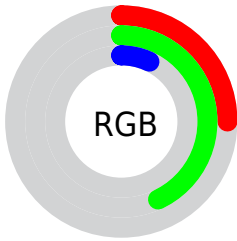
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 109, 61
Decimal	4287761
CIELab	41.38, -30.50, 42.40
CIELCh	41, 52.234, 125.728
Yxy	12.1016, 0.3474, 0.5425
Android (android.graphics.Color)	4282477841 (0xFF416D11)
YUV	85.3560, -33.6995, -17.8522
Hunter-Lab	34.7873, -21.1122, 20.1623

# Details

The Hex color **416D11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D116D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **75A145**, and **0B3D00** is the 20% darker color. If you saturate the color by 10%, you get **3C6D06**, and if you desaturate by 10%, it is **466D1C**.

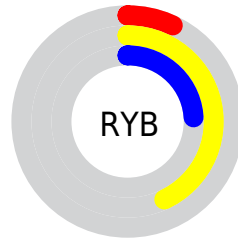
# Distribution



Red (25%)

Green (43%)

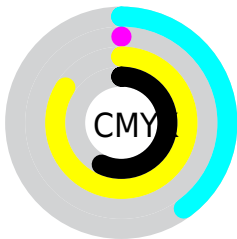
Blue (7%)



Red (7%)

Yellow (43%)

Blue (24%)

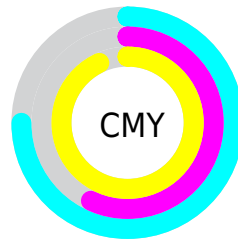


Cyan (40%)

Magenta (0%)

Yellow (84%)

Black (57%)



Cyan (75%)

Magenta (57%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 416D11 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 416D11 by changing the saturation by 10% instead.





416D11



416D11

FFFFFF



275400



75A145



0B3D00



90BC5E



002700



ABD878



000900



C8F593



000000



E4FFAE



FFFPCA



FFFPE6



416D11



416D11

■ 3C6D06

■ 466D1C

■ 396D00

■ 4B6D27

■ 516D32

■ 566D3D

■ 5B6D47

■ 606D52

■ 656D5D

■ 6B6D68

■ 706D73

# Harmonies

## Analogous

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



6E6200



416D11



00733C

# Triad

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



416D11



006FB0



AD345B

# Complementary

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



416D11



3D116D

# 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.



9B3E86



416D11



0064B8

# Square

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



416D11



007493



6C52A8



A83F32

# Rectangle

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



416D11



00755A



6C52A8



AA356A



# Sweetspot

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



416D11



7E8F6B



6D3C11



3D4732



C7C7C7



474747



# Same Dimension

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



416D11



4B8F00



146D11



333630



3D7500



80F500



# Inverse Universe

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



3D116D



44008F



6A116D



333036



380075

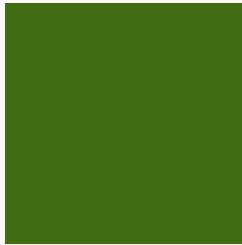


7500F5



# Previews

## White Background



This preview shows how the Hex color 416D11 looks on a white background.

## Color Contrast Check

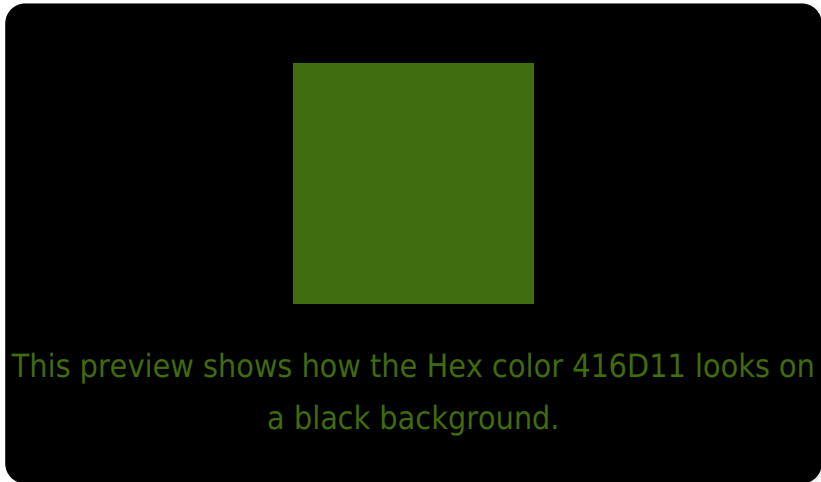
Large Text (above 18pt) WCAG AA ✓ Pass

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

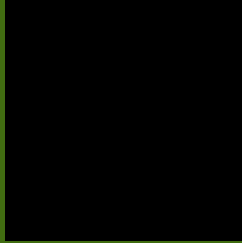
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 416D11 Background



This preview shows how black text looks on a background with the Hex color 416D11.



This preview shows how white text looks on a background with the Hex color 416D11.

# 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**  
416D11

**Protanopia**  
6E620E

**Deuteranopia**  
7A5C1B



**Tritanopia**  
4D656E

# Trichromacy



**Original Color**  
416D11

**Protanomaly**  
5E660F

**Deuteranomaly**  
656217

**Tritanomaly**  
49684C

# Monochromacy



**Original Color**  
416D11

**Achromatopsia**  
555555

**Achromatomaly**  
4E5E3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 416D11 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 #416D11 looks like.

```
.text, #text, p{  
    color:#416D11  
}
```

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 #416D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416D11
}
```

## Border

The CSS property to change the border of an element to Hex 416D11 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
#416D11 }
```

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

```
.border{ border-color:#416D11 }
```

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

Here you see how a box with a 4 pixel #416D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416D11; -webkit-box-shadow:4px 4px  
4px 4px #416D11; box-shadow:4px 4px 4px  
4px #416D11 }
```

# Background

The CSS property to change the background color of an element to Hex 416D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416D11 }
```

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

```
.background{ background-color:#416D11 }
```

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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