

# Converting Colors

Hex(47600F)

Have a look what the booklet for  
Hex(47600F) contains.

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**Color**

**Hex(47600F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47600F
RGB	71, 96, 15
RGB Percent	28%, 38%, 6%
CMY	0.7216, 0.6235, 0.9412
CMYK	0.26, 0.00, 0.84, 0.62
HSL	79°, 73%, 22%
HSV	79°, 84%, 38%
XYZ	6.8676, 9.7398, 1.9699
YIQ	79.2910, 11.1010, -30.4910

# Conversions

## Conversions Part 2

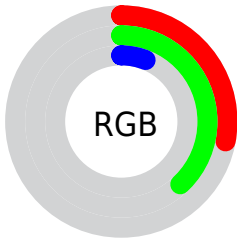
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 96, 40
Decimal	4677647
CIELab	37.37, -21.80, 39.52
CIElCh	37, 45.128, 118.880
Yxy	9.7398, 0.3697, 0.5243
Android (android.graphics.Color)	4282867727 (0xFF47600F)
YUV	79.2910, -31.6955, -7.2712
Hunter-Lab	31.2087, -15.3354, 18.1036

# Details

The Hex color **47600F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **280F60**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7A9342**, and **163100** is the 20% darker color. If you saturate the color by 10%, you get **446005**, and if you desaturate by 10%, it is **4A6019**.

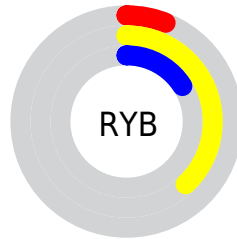
# Distribution



 Red (28%)

 Green (38%)

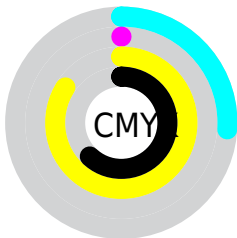
 Blue (6%)




 Red (6%)

 Yellow (38%)

 Blue (16%)

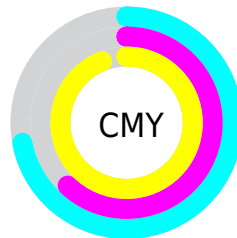


 Cyan (26%)

 Magenta (0%)

 Yellow (84%)

 Black (62%)



 Cyan (72%)

 Magenta (62%)

 Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47600F 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 47600F by changing the saturation by 10% instead.



 47600F

 47600F

FFFFFFE

 2F4800

 7A9342

 163100

 95AD5B

 001E00

 B0C974

 000000

 CCE58E

 E9FFA9

 FFFFC5

 FFFFE1

 47600F

 47600F

■ 446005

■ 4A6019

■ 426000

■ 4D6022

■ 50602C

■ 536035

■ 56603F

■ 596049

■ 5C6052

■ 5F605C

■ 626065

# Harmonies

## Analogous

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



6B5601



47600F



046630

# Triad

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



47600F



006596



97345B

# Complementary

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



47600F



280F60

# 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.



823E7E



47600F



005DA1

# Square

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



47600F



00697A



544F98



973937

# Rectangle

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



47600F



006849



544F98



933667



# Sweetspot

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



47600F



737D5E



60270F



3A402D



BFBFBF



404040



# Same Dimension

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



47600F



567D00



1F600F



2F302C



4E7000



A6F000



# Inverse Universe

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



280F60



27007D



500F60



2D2C30



230070



4A00F0



# Previews

## White Background



This preview shows how the Hex color 47600F looks on a white background.

## Color Contrast Check

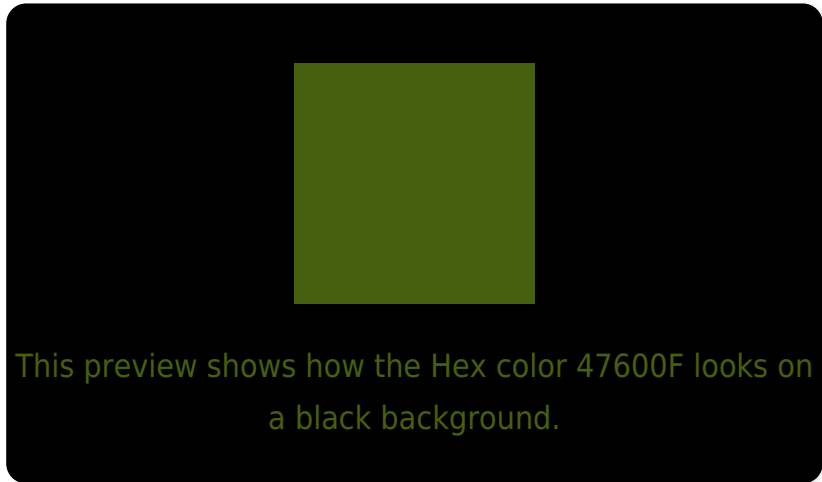
Large Text (above 18pt) WCAG AA ✓ Pass

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

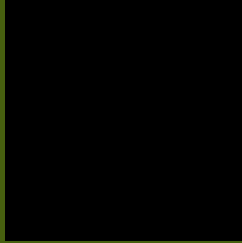
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47600F Background



This preview shows how black text looks on a background with the Hex color 47600F.



This preview shows how white text looks on a background with the Hex color 47600F.

# 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](#).

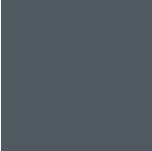
## Dichromacy



**Original Color**  
47600F

**Protanopia**  
63580D

**Deuteranopia**  
6E5317



**Tritanopia**  
505960

# Trichromacy



**Original Color**  
47600F

**Protanomaly**  
595B0E

**Deuteranomaly**  
605814

**Tritanomaly**  
4D5C43

# Monochromacy



**Original Color**  
47600F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
4C5538

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47600F 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 #47600F looks like.

```
.text, #text, p{  
    color:#47600F  
}
```

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 #47600F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47600F
}
```

## Border

The CSS property to change the border of an element to Hex 47600F is called "border". The border property can be set on classes, ids or directly on the HTML element.

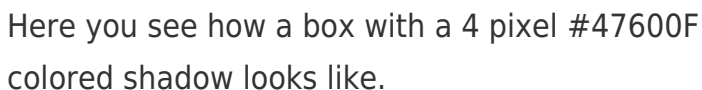
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47600F }
```

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

```
.border{ border-color:#47600F }
```

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



Here you see how a box with a 4 pixel #47600F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47600F; -webkit-box-shadow:4px 4px  
4px 4px #47600F; box-shadow:4px 4px 4px  
4px #47600F }
```

# Background

The CSS property to change the background color of an element to Hex 47600F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47600F }
```

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

```
.background{ background-color:#47600F }
```

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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