

Converting Colors

Hex(4A760F)

Have a look what the booklet for
Hex(4A760F) contains.

Hex(4A760F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A760F)

Conversions

Conversions Part 1

Format	Color
Hex	4A760F
RGB	74, 118, 15
RGB Percent	29%, 46%, 6%
CMY	0.7098, 0.5373, 0.9412
CMYK	0.37, 0.00, 0.87, 0.54
HSL	86°, 77%, 26%
HSV	86°, 87%, 46%
XYZ	9.3887, 14.4472, 2.7457
YIQ	93.1020, 6.8390, -41.3610

Conversions

Conversions Part 2

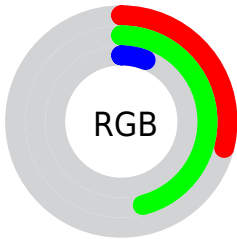
Format	Color
RYB	15, 118, 59
Decimal	4879887
CIELab	44.87, -31.23, 46.30
CIELCh	45, 55.843, 124.002
Yxy	14.4472, 0.3532, 0.5435
Android (android.graphics.Color)	4283069967 (0xFF4A760F)
YUV	93.1020, -38.5043, -16.7525
Hunter-Lab	38.0095, -22.4254, 22.3237

Details

The Hex color **4A760F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B0F76**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7FAB46**, and **164500** is the 20% darker color. If you saturate the color by 10%, you get **457603**, and if you desaturate by 10%, it is **4F761B**.

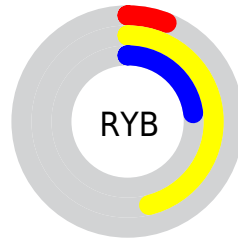
Distribution



 Red (29%)

 Green (46%)

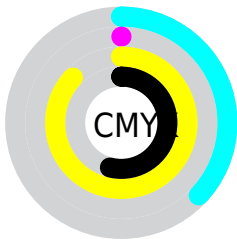
 Blue (6%)



 Red (6%)

 Yellow (46%)

 Blue (23%)

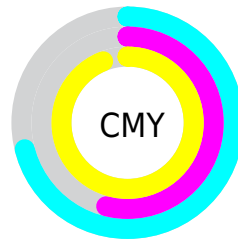


 Cyan (37%)


 Magenta (0%)

 Yellow (87%)

 Black (54%)



 Cyan (71%)

 Magenta (54%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A760F 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 4A760F by changing the saturation by 10% instead.



4A760F



4A760F

FFFFFF



305D00



7FAB46



164500



9AC65F



002E00



B6E279



001A00



D2FF94



000000



FFFFB0



FFFCC



FFFFE8



4A760F



4A760F

■ 457603

■ 4F761B

■ 447600

■ 547627

■ 597632

■ 5E763E

■ 63764A

■ 687656

■ 6D7662

■ 72766D

■ 777679

Harmonies

Analogous

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



7A6A00



4A760F



007D3F

Triad

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



4A760F



007ABE



BC3866

Complementary

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



4A760F



3B0F76

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.



A64494



4A760F



006EC8

Square

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



4A760F



007F9D



725BB8



B74339

Rectangle

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



4A760F



007F5F



725BB8



B83A76

Sweetspot

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



4A760F



889971



763A0F



424D35



CCCCCC



4D4D4D

Same Dimension

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



4A760F



589900



18760F



383B35



467A00



8FFA00

Inverse Universe

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



3B0F76



410099



6D0F76



37353B



34007A



6B00FA

Previews

White Background



This preview shows how the Hex color 4A760F looks on a white background.

Color Contrast Check

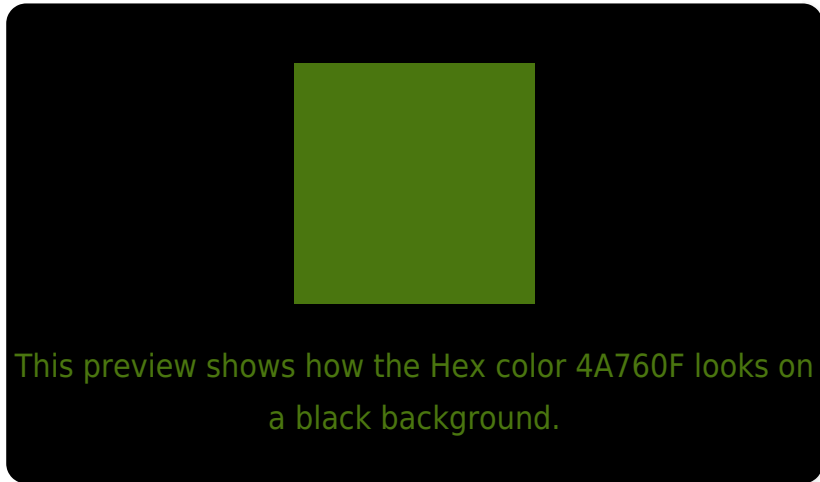
Large Text (above 18pt) WCAG AA ✓ Pass

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

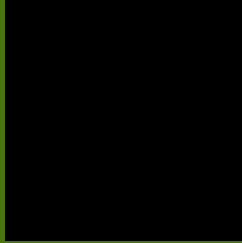
Any Text WCAG AA × Fail

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 4A760F Background



This preview shows how black text looks on a background with the Hex color 4A760F.



This preview shows how white text looks on a background with the Hex color 4A760F.

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
4A760F

Protanopia
776A0B

Deuteranopia
85641B



Tritanopia
576E77

Trichromacy



Original Color
4A760F

Protanomaly
676E0C

Deuteranomaly
706B17

Tritanomaly
527151

Monochromacy



Original Color
4A760F

Achromatopsia
5D5D5D

Achromatomaly
566641

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A760F 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 #4A760F looks like.

```
.text, #text, p{  
    color:#4A760F  
}
```

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 #4A760F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A760F
}
```

Border

The CSS property to change the border of an element to Hex 4A760F is called "border". The border property can be set on classes, ids or directly on the HTML element.

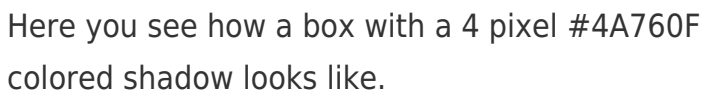
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A760F }
```

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

```
.border{ border-color:#4A760F }
```

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



Here you see how a box with a 4 pixel #4A760F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A760F; -webkit-box-shadow:4px 4px  
4px 4px #4A760F; box-shadow:4px 4px 4px  
4px #4A760F }
```

Background

The CSS property to change the background color of an element to Hex 4A760F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A760F }
```

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

```
.background{ background-color:#4A760F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor