

# Converting Colors

Hex(747618)

Have a look what the booklet for  
Hex(747618) contains.

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**Color**

**Hex(747618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747618
RGB	116, 118, 24
RGB Percent	45%, 46%, 9%
CMY	0.5451, 0.5373, 0.9059
CMYK	0.02, 0.00, 0.80, 0.54
HSL	61°, 66%, 28%
HSV	61°, 80%, 46%
XYZ	13.8458, 16.7358, 3.3647
YIQ	106.6860, 28.9820, -29.6580

# Conversions

## Conversions Part 2

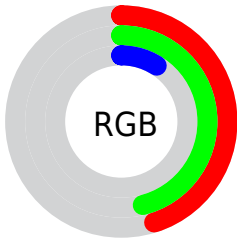
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 118, 26
Decimal	7632408
CIE <sub>Lab</sub>	47.93, -12.46, 47.45
CIE <sub>LCh</sub>	48, 49.062, 104.707
Yxy	16.7358, 0.4079, 0.4930
Android (android.graphics.Color)	4285822488 (0xFF747618)
YUV	106.6860, -40.7642, 8.1684
Hunter-Lab	40.9094, -11.1783, 23.7601

# Details

The Hex color **747618** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A1876**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **ABAA4C**, and **414600** is the 20% darker color. If you saturate the color by 10%, you get **74760C**, and if you desaturate by 10%, it is **747624**.

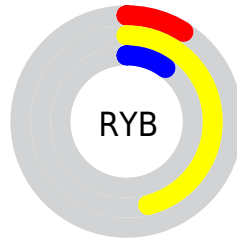
# Distribution



Red (45%)

Green (46%)

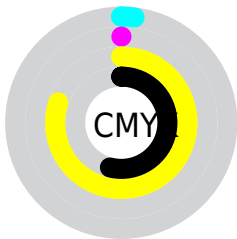
Blue (9%)



Red (9%)

Yellow (46%)

Blue (10%)

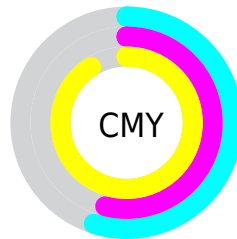


Cyan (2%)

Magenta (0%)

Yellow (80%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747618 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 747618 by changing the saturation by 10% instead.





747618



747618

FFFFFF



5A5D00



ABAA4C



414600



C7C566



273000



E4E180



0C1C00



FFFE9B



000000



FFFFB7



FFFFD3



FFFFF0



747618



747618

 74760C

 747624

 737600

 757630

 75763B

 757647

 757653

 76765F

 76766B

 767676

 767682

# Harmonies

## Analogous

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



99681C



747618



457F33

# Triad

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



747618



0083AB



B24E89

# Complementary

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



747618



1A1876

# 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.



8E5EAD



747618



007CC1

# Square

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



747618



008685



486FC2



BD4B5F

# Rectangle

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



747618



00834D



486FC2



A95396



# Sweetspot

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



747618



989974



761A18



4C4D36



CCCCCC



4D4D4D



# Same Dimension

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



747618



969906



457618



3B3B35



787A00



F5FA00



# Inverse Universe

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



1A1876



090699



491876



35353B



03007A



0500FA



# Previews

## White Background



This preview shows how the Hex color 747618 looks on a white background.

## Color Contrast Check

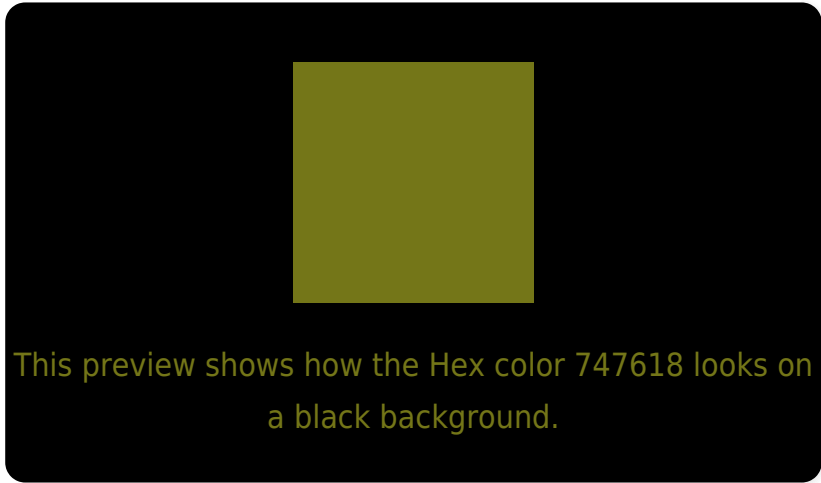
Large Text (above 18pt) WCAG AA ✓ Pass

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

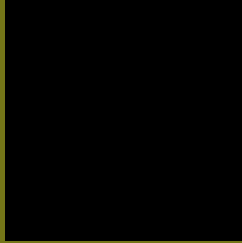
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 747618 Background



This preview shows how black text looks on a background with the Hex color 747618.



This preview shows how white text looks on a background with the Hex color 747618.

# 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**

747618

**Protanopia**

807217

**Deuteranopia**

8F6C1D



**Tritanopia**  
7C6E77

# Trichromacy



**Original Color**  
747618

**Protanomaly**  
7C7317

**Deuteranomaly**  
85701B

**Tritanomaly**  
797154

# Monochromacy



**Original Color**  
747618

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747618 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 #747618 looks like.

```
.text, #text, p{  
    color:#747618  
}
```

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 #747618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747618
}
```

## Border

The CSS property to change the border of an element to Hex 747618 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
#747618 }
```

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

```
.border{ border-color:#747618 }
```

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

Here you see how a box with a 4 pixel #747618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747618; -webkit-box-shadow:4px 4px  
4px 4px #747618; box-shadow:4px 4px 4px  
4px #747618 }
```

# Background

The CSS property to change the background color of an element to Hex 747618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747618 }
```

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

```
.background{ background-color:#747618 }
```

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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