

# Converting Colors

Hex(407749)

Have a look what the booklet for  
Hex(407749) contains.

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# Color

**Hex(407749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407749
RGB	64, 119, 73
RGB Percent	25%, 47%, 29%
CMY	0.7490, 0.5333, 0.7137
CMYK	0.46, 0.00, 0.39, 0.53
HSL	130°, 30%, 36%
HSV	130°, 46%, 47%
XYZ	9.9138, 14.7647, 8.6307
YIQ	97.3110, -18.0140, -25.9660

# Conversions

## Conversions Part 2

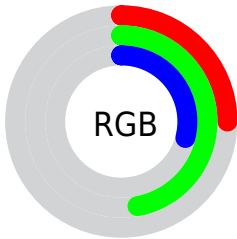
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 111, 119
Decimal	4224841
CIELab	45.31, -28.91, 19.79
CIElCh	45, 35.034, 145.597
Yxy	14.7647, 0.2976, 0.4433
Android (android.graphics.Color)	4282414921 (0xFF407749)
YUV	97.3110, -11.9853, -29.2137
Hunter-Lab	38.4248, -21.1897, 13.5801

# Details

The Hex color **407749** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77406E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **73AC7A**, and **0A461C** is the 20% darker color. If you saturate the color by 10%, you get **34773F**, and if you desaturate by 10%, it is **4C7753**.

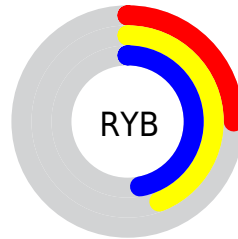
# Distribution



Red (25%)

Green (47%)

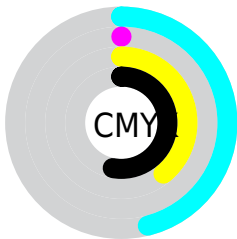
Blue (29%)



Red (25%)

Yellow (44%)

Blue (47%)

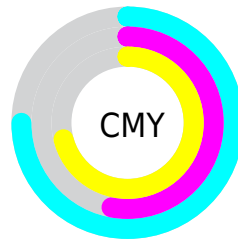


Cyan (46%)

Magenta (0%)

Yellow (39%)

Black (53%)



Cyan (75%)

Magenta (53%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 407749 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 407749 by changing the saturation by 10% instead.





407749



407749

FFFFFF



275E32



73AC7A



0A461C



8DC794



002F05



A9E3AF



001B00



C4FFCA



000000



E1FFE6

FEFFFF



407749



407749



34773F



4C7753

■ 287735

■ 58775D

■ 1C772B

■ 647767

■ 107721

■ 707771

■ 057717

■ 7C777B

■ 007713

■ 877785

■ 93778F

■ 9F7799

■ AB77A3

# Harmonies

## Analogous

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



647135



407749



007A66

# Triad

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



407749



2C70A5



A25554

# Complementary

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



407749



77406E

# 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.



9F5371



407749



6765A0

# Square

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



407749



00779B



8B5A8D



965D3C

# Rectangle

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



407749



007A7A



8B5A8D



A3535D



# Sweetspot

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



407749



869C89



6F7740



424F44



CFCFCF



4F4F4F



# Same Dimension

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



407749



469C54



407764



353B36



007A14



00FA29



# Inverse Universe

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



77406E



9C468E



774053



3B353A



7A0066



FA00D1



# Previews

## White Background



This preview shows how the Hex color 407749 looks on a white background.

## Color Contrast Check

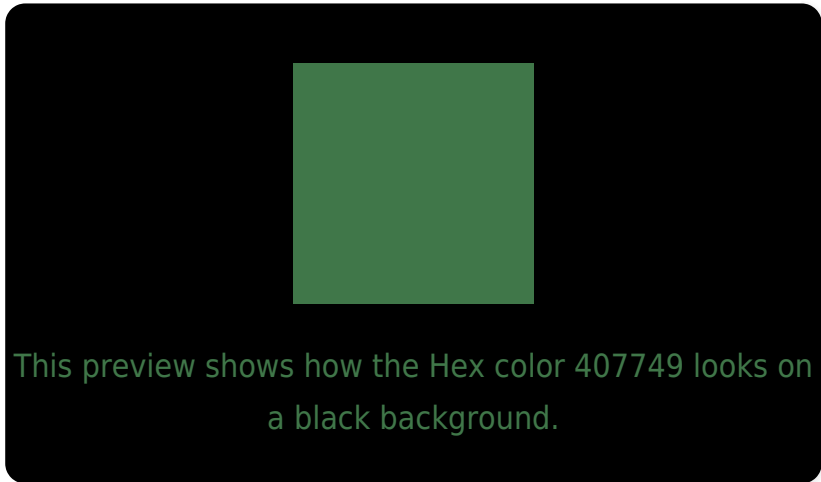
Large Text (above 18pt) WCAG AA ✓ Pass

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 407749 Background



This preview shows how black text looks on a background with the Hex color 407749.



This preview shows how white text looks on a background with the Hex color 407749.

# 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**  
407749

**Protanopia**  
746B44

**Deuteranopia**  
7F664D



**Tritanopia**  
4B717A

# Trichromacy



**Original Color**  
407749

**Protanomaly**  
616F46

**Deuteranomaly**  
686C4C

**Tritanomaly**  
477368

# Monochromacy



**Original Color**  
407749

**Achromatopsia**  
616161

**Achromatomaly**  
556958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 407749 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 #407749 looks like.

```
.text, #text, p{  
    color:#407749  
}
```

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 #407749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407749
}
```

## Border

The CSS property to change the border of an element to Hex 407749 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
#407749 }
```

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

```
.border{ border-color:#407749 }
```

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

Here you see how a box with a 4 pixel #407749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407749; -webkit-box-shadow:4px 4px  
4px 4px #407749; box-shadow:4px 4px 4px  
4px #407749 }
```

# Background

The CSS property to change the background color of an element to Hex 407749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407749 }
```

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

```
.background{ background-color:#407749 }
```

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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