

# Converting Colors

Hex(477710)

Have a look what the booklet for  
Hex(477710) contains.

<b>Hex(477710)</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(477710)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	477710
RGB	71, 119, 16
RGB Percent	28%, 47%, 6%
CMY	0.7216, 0.5333, 0.9373
CMYK	0.40, 0.00, 0.87, 0.53
HSL	88°, 76%, 26%
HSV	88°, 87%, 47%
XYZ	9.2889, 14.5707, 2.8131
YIQ	92.9060, 4.4550, -42.2090

# Conversions

## Conversions Part 2

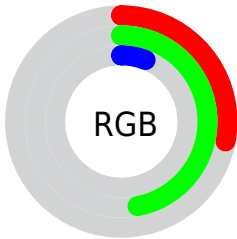
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">16, 119, 64</a>
Decimal	<a href="#">4683536</a>
<a href="#">CIELab</a>	<a href="#">45.04, -32.80, 46.12</a>
<a href="#">CIElCh</a>	<a href="#">45, 56.590, 125.418</a>
<a href="#">Yxy</a>	<a href="#">14.5707, 0.3483, 0.5463</a>
Android (android.graphics.Color)	<a href="#">4282873616</a> (0xFF477710)
<a href="#">YUV</a>	<a href="#">92.9060, -37.9147, -19.2116</a>
<a href="#">Hunter-Lab</a>	<a href="#">38.1715, -23.3629, 22.3507</a>

# Details

The Hex color **477710** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **401077**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7CAC46**, and **114600** is the 20% darker color. If you saturate the color by 10%, you get **417704**, and if you desaturate by 10%, it is **4D771C**.

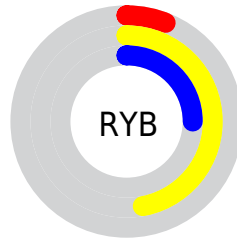
# Distribution



Red (28%)

Green (47%)

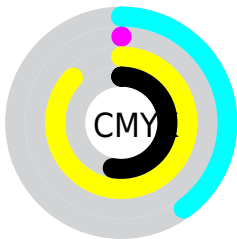
Blue (6%)



Red (6%)

Yellow (47%)

Blue (25%)

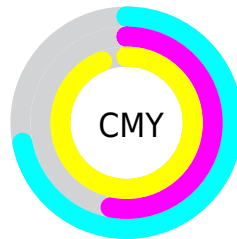


Cyan (40%)

Magenta (0%)

Yellow (87%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477710 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 477710 by changing the saturation by 10% instead.





477710



477710

FFFFFF



2D5E00



7CAC46



114600



97C760



002F00



B3E37A



001A00



CFFF95



000000



ECFFB0



FFF FCC



FFF FE9



477710



477710

■ 417704

■ 4D771C

■ 407700

■ 527728

■ 587734

■ 5D7740

■ 63774B

■ 687757

■ 6E7763

■ 73776F

■ 79777B

# Harmonies

## Analogous

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



796B00



477710



007D41

# Triad

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



477710



007AC0



BD3764

# Complementary

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



477710



401077

# 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.



A94393



477710



006EC9

# Square

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



477710



007FA0



755AB8



B84436

# Rectangle

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



477710



007F62



755AB8



BA3974



# Sweetspot

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



477710



899C73



773E10



444F37



CFCFCF



4F4F4F



# Same Dimension

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



477710



539C00



157710



383B35



417A00



85FA00



# Inverse Universe

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



401077



48009C



721077



38353B



39007A



7400FA



# Previews

## White Background



This preview shows how the Hex color 477710 looks on a white background.

## Color Contrast Check

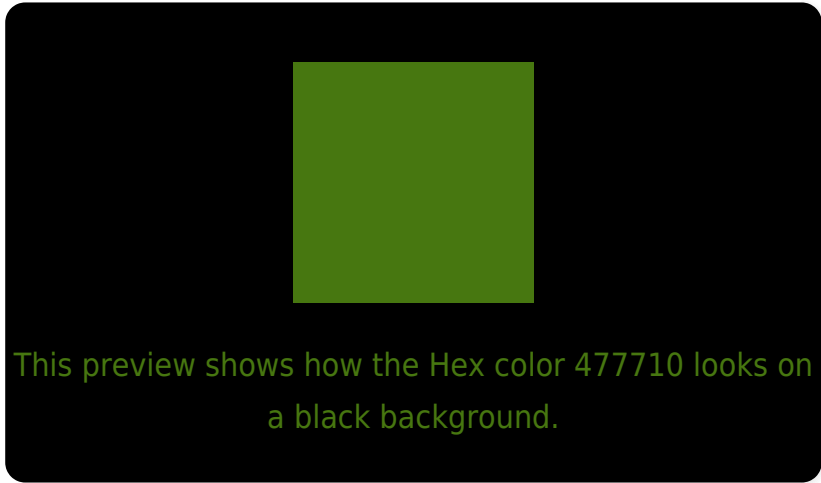
Large Text (above 18pt) WCAG AA ✓ Pass

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 477710 Background



This preview shows how black text looks on a background with the Hex color 477710.



This preview shows how white text looks on a background with the Hex color 477710.

# 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**  
477710

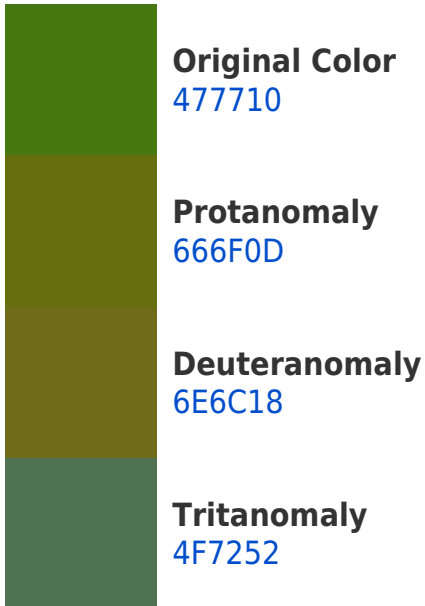
**Protanopia**  
786A0C

**Deuteranopia**  
85651C

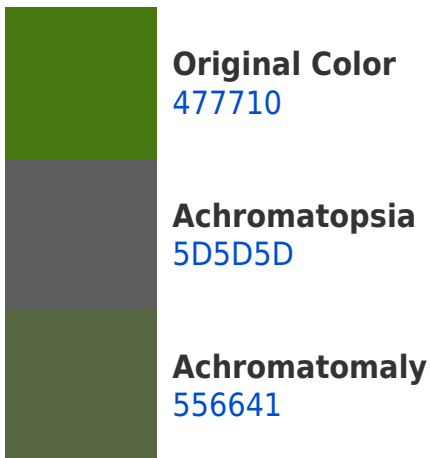


**Tritanopia**  
546F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477710 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 #477710 looks like.

```
.text, #text, p{  
    color:#477710  
}
```

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 #477710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477710
}
```

## Border

The CSS property to change the border of an element to Hex 477710 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
#477710 }
```

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

```
.border{ border-color:#477710 }
```

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

Here you see how a box with a 4 pixel #477710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477710; -webkit-box-shadow:4px 4px  
4px 4px #477710; box-shadow:4px 4px 4px  
4px #477710 }
```

# Background

The CSS property to change the background color of an element to Hex 477710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477710 }
```

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

```
.background{ background-color:#477710 }
```

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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