

# Converting Colors

Hex(77C748)

Have a look what the booklet for  
Hex(77C748) contains.

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**Color**

**Hex(77C748)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77C748
RGB	119, 199, 72
RGB Percent	47%, 78%, 28%
CMY	0.5333, 0.2196, 0.7176
CMYK	0.40, 0.00, 0.64, 0.22
HSL	98°, 53%, 53%
HSV	98°, 64%, 78%
XYZ	29.2009, 45.2367, 13.3234
YIQ	160.6020, -6.9130, -56.4570

# Conversions

## Conversions Part 2

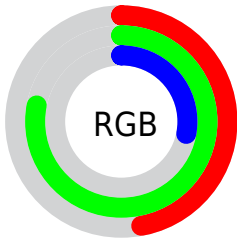
Format	Color
<b>RYB</b>	72, 199, 152
Decimal	7849800
CIELab	73.05, -46.44, 54.24
CIELCh	73, 71.405, 130.573
Yxy	45.2367, 0.3327, 0.5155
Android (android.graphics.Color)	4286039880 (0xFF77C748)
YUV	160.6020, -43.6808, -36.4850
Hunter-Lab	67.2582, -40.2042, 35.3358

# Details

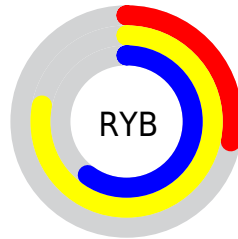
The Hex color **77C748** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9848C7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B0FF7E**, and **3E9009** is the 20% darker color. If you saturate the color by 10%, you get **6AC734**, and if you desaturate by 10%, it is **84C75C**.

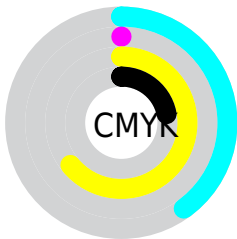
# Distribution



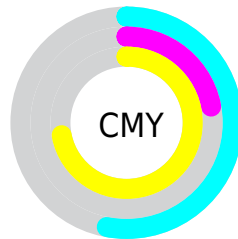
- Red (47%)
- Green (78%)
- Blue (28%)



- Red (28%)
- Yellow (78%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C748 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 77C748 by changing the saturation by 10% instead.



 77C748

 77C748

FFFFFF

 5BAB2C

 B0FF7E

 3E9009

 CDFF99

 1C7600

 EAFFB5

 005D00

 FFFFD1

 004400

 FFFFEE

 002E00

 001300

 000000

 77C748

 77C748

 6AC734

 84C75C

 5EC720

 90C770

 51C70C

 9DC784

 4AC700

 A9C798

 B6C7AC

 C2C7BF

 CFC7D3

 DBC7E7

 E8C7FB

# Harmonies

## Analogous

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



BFB81D



77C748



00CF85

# Triad

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



77C748



00C6FF



FF749F

# Complementary

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



77C748



9848C7

# 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.



FF7DE0



77C748



53B3FF

# Square

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



77C748



00D0FF



D498FF



FF8561

# Rectangle

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



77C748



00D2B3



D498FF



FF74B5

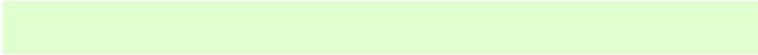


# Sweetspot

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



77C748



E0FFCF



C79648



6D8062



000000



808080



# Same Dimension

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



77C748



83FF3B



48C757



5D635A



3CA300



0D2400



# Inverse Universe

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



9848C7



B63BFF



C748B8



605A63



6700A3



160024



# Previews

## White Background



This preview shows how the Hex color 77C748 looks on a white 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

# Black Background



This preview shows how the Hex color 77C748 looks on a black 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

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



## Hex 77C748 Background



This preview shows how black text looks on a background with the Hex color 77C748.

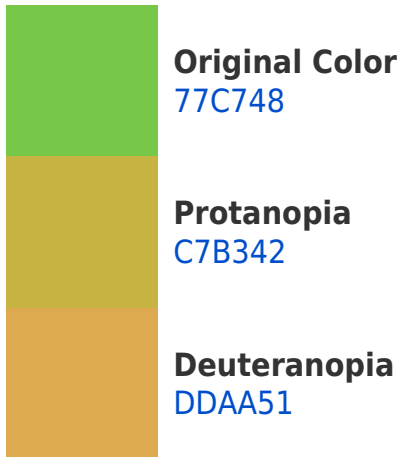


This preview shows how white text looks on a background with the Hex color 77C748.

# 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





**Tritanopia**  
8CBAC9

# Trichromacy



**Original Color**

77C748



**Protanomaly**

AABA44



**Deuteranomaly**

B8B54E



**Tritanomaly**

84BF9A

# Monochromacy



**Original Color**

77C748



**Achromatopsia**

A1A1A1



**Achromatomaly**

92AF81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C748 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 #77C748 looks like.

```
.text, #text, p{  
    color:#77C748  
}
```

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 #77C748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C748
}
```

## Border

The CSS property to change the border of an element to Hex 77C748 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
#77C748 }
```

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

```
.border{ border-color:#77C748 }
```

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

Here you see how a box with a 4 pixel #77C748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C748; -webkit-box-shadow:4px 4px  
4px 4px #77C748; box-shadow:4px 4px 4px  
4px #77C748 }
```

# Background

The CSS property to change the background color of an element to Hex 77C748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C748 }
```

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

```
.background{ background-color:#77C748 }
```

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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