

# Converting Colors

Hex(788772)

Have a look what the booklet for  
Hex(788772) contains.

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**Color**

**Hex(788772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	788772
RGB	120, 135, 114
RGB Percent	47%, 53%, 45%
CMY	0.5294, 0.4706, 0.5529
CMYK	0.11, 0.00, 0.16, 0.47
HSL	103°, 8%, 49%
HSV	103°, 16%, 53%
XYZ	19.4470, 22.5359, 19.2445
YIQ	128.1210, -2.1990, -9.7110

# Conversions

## Conversions Part 2

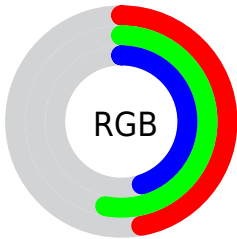
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 135, 129
Decimal	7898994
CIELab	54.59, -9.64, 9.47
CIELCh	55, 13.515, 135.522
Yxy	22.5359, 0.3176, 0.3681
Android (android.graphics.Color)	4286089074 (0xFF788772)
YUV	128.1210, -6.9617, -7.1221
Hunter-Lab	47.4720, -9.9533, 9.1951

# Details

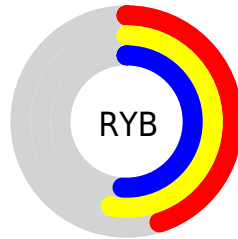
The Hex color **788772** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **817287**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ACBCA6**, and **475542** is the 20% darker color. If you saturate the color by 10%, you get **6E8765**, and if you desaturate by 10%, it is **828780**.

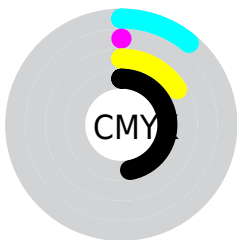
# Distribution



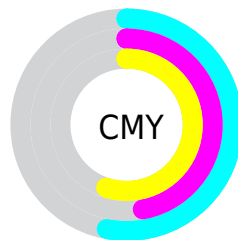
- Red (47%)
- Green (53%)
- Blue (45%)



- Red (45%)
- Yellow (53%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788772 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 788772 by changing the saturation by 10% instead.





788772



788772

FFFFFF



5F6E59



ACBCA6



475542



C8D8C1



313E2C



E4F4DD



1C2817



FFFFF9



011400



000000



788772



788772



6E8765



828780



658757



8B878D

 5B874A

 95879B

 51873C

 9F87A8

 48872F

 A887B6

 3E8721

 B287C3

 348713

 BB87D1

 2B8706

 C587DE

 278700

 CF87EC

# Harmonies

## Analogous

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



85846C



788772



6C897C

# Triad

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



788772



6F8599



9B7B7D

# Complementary

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



788772



817287

# 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.



977B89



788772



7D8299

# Square

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



788772



658893



8C7E93



997C72

# Rectangle

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



788772



668984



8C7E93



9A7A81



# Sweetspot

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



788772



AAB0A7



878172



555954



D9D9D9



595959



# Same Dimension

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



788772



98B08F



728776



3E423C



258200



010300



# Inverse Universe

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



817287



A68FB0



877283



403C42



5D0082



020003



# Previews

## White Background



This preview shows how the Hex color 788772 looks on a white background.

## Color Contrast Check

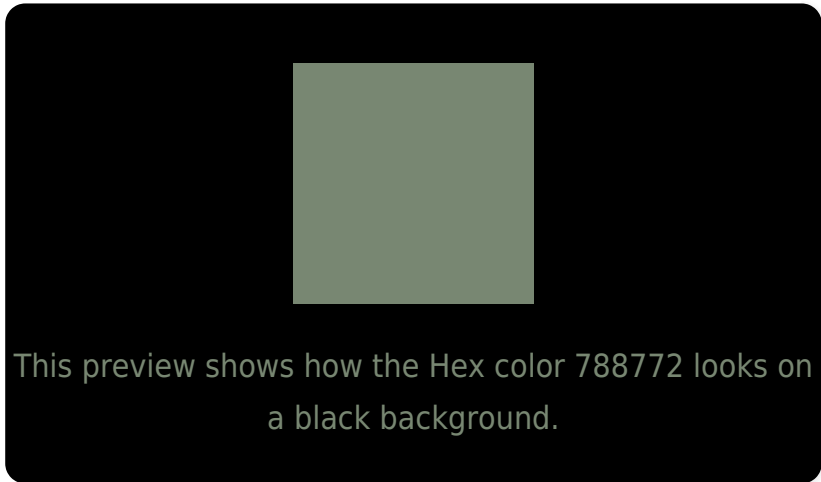
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

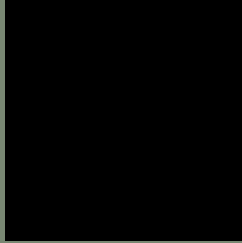
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788772 Background



This preview shows how black text looks on a background with the Hex color 788772.



This preview shows how white text looks on a background with the Hex color 788772.

# 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**  
788772

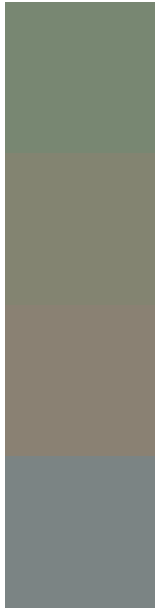
**Protanopia**  
898270

**Deuteranopia**  
947E74



**Tritanopia**  
7C838E

# Trichromacy



**Original Color**  
788772

**Protanomaly**  
838471

**Deuteranomaly**  
8A8173

**Tritanomaly**  
7B8484

# Monochromacy



**Original Color**  
788772

**Achromatopsia**  
808080

**Achromatomaly**  
7D837B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788772 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 #788772 looks like.

```
.text, #text, p{  
    color:#788772  
}
```

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 #788772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788772
}
```

## Border

The CSS property to change the border of an element to Hex 788772 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
#788772 }
```

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

```
.border{ border-color:#788772 }
```

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

Here you see how a box with a 4 pixel #788772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788772; -webkit-box-shadow:4px 4px  
4px 4px #788772; box-shadow:4px 4px 4px  
4px #788772 }
```

# Background

The CSS property to change the background color of an element to Hex 788772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788772 }
```

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

```
.background{ background-color:#788772 }
```

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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