

# Converting Colors

Hex(778D58)

Have a look what the booklet for  
Hex(778D58) contains.

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# Color

**Hex(778D58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778D58
RGB	119, 141, 88
RGB Percent	47%, 55%, 35%
CMY	0.5333, 0.4471, 0.6549
CMYK	0.16, 0.00, 0.38, 0.45
HSL	85°, 23%, 45%
HSV	85°, 38%, 55%
XYZ	18.8941, 23.6763, 12.8067
YIQ	128.3800, 3.9010, -21.1470

# Conversions

## Conversions Part 2

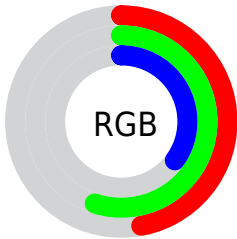
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 141, 110
Decimal	7834968
CIE <sub>Lab</sub>	55.76, -17.51, 25.74
CIE <sub>LCh</sub>	56, 31.128, 124.231
Yxy	23.6763, 0.3412, 0.4275
Android (android.graphics.Color)	4286025048 (0xFF778D58)
YUV	128.3800, -19.9073, -8.2263
Hunter-Lab	48.6583, -15.8402, 18.4559

# Details

The Hex color **778D58** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E588D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ACC38B**, and **455B29** is the 20% darker color. If you saturate the color by 10%, you get **718D4A**, and if you desaturate by 10%, it is **7D8D66**.

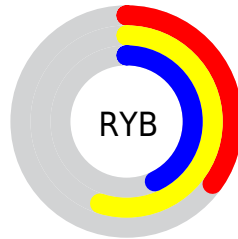
# Distribution



Red (47%)

Green (55%)

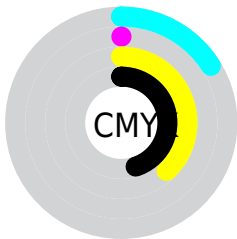
Blue (35%)



Red (35%)

Yellow (55%)

Blue (43%)

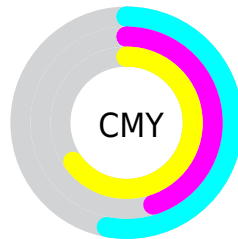


Cyan (16%)

Magenta (0%)

Yellow (38%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778D58 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 778D58 by changing the saturation by 10% instead.



 778D58

 778D58

FFFFFF

 5E7340

 ACC38B

 455B29

 C8DFA5

 2E4313

 E4FBC0

 192D00

 FFFFDC

 001A00

 FFFFF9

 000000

 778D58

 778D58

 718D4A

 7D8D66

 6B8D3C

 838D74

 658D2E

 898D82

 608D20

 8E8D90

 5A8D11

 948D9F

 548D03

 9A8DAD

 528D00

 A08DBB

 A68DC9

 AC8DD7

# Harmonies

## Analogous

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



94854F



778D58



56926D

# Triad

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



778D58



368FB6



B97183

# Complementary

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



778D58



6E588D

# 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.



AB749E



778D58



6587BB

# Square

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



778D58



1493A3



8E7DB2



B87469

# Rectangle

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



778D58



3E947F



8E7DB2



B6718C



# Sweetspot

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



778D58



AFB8A3



8D6D58



575C50



DBDBDB



5C5C5C



# Same Dimension

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



778D58



95B865



5D8D58



444740



4F8700



040800



# Inverse Universe

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



6E588D



8765B8



88588D



434047



380087



030008



# Previews

## White Background



This preview shows how the Hex color 778D58 looks on a white background.

## Color Contrast Check

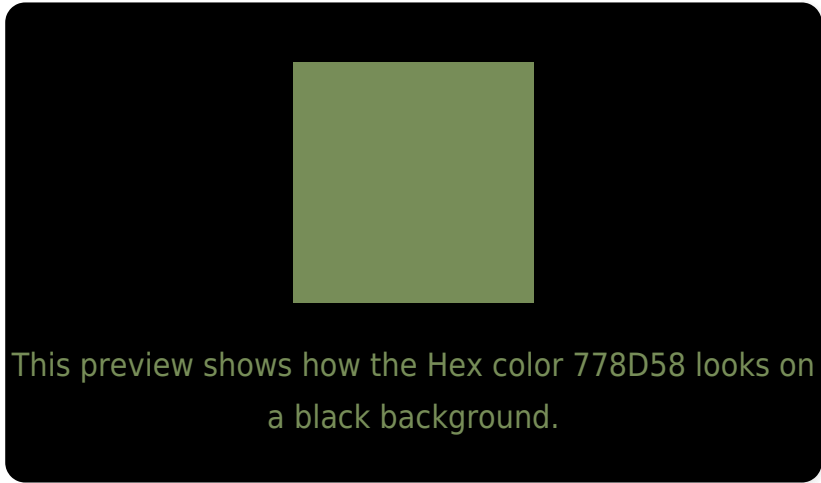
Large Text (above 18pt) WCAG AA ✓ Pass

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 778D58 Background



This preview shows how black text looks on a background with the Hex color 778D58.



This preview shows how white text looks on a background with the Hex color 778D58.

# 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**  
7F8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778D58 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 #778D58 looks like.

```
.text, #text, p{  
    color:#778D58  
}
```

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 #778D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778D58
}
```

## Border

The CSS property to change the border of an element to Hex 778D58 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
#778D58 }
```

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

```
.border{ border-color:#778D58 }
```

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

Here you see how a box with a 4 pixel #778D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778D58; -webkit-box-shadow:4px 4px  
4px 4px #778D58; box-shadow:4px 4px 4px  
4px #778D58 }
```

# Background

The CSS property to change the background color of an element to Hex 778D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778D58 }
```

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

```
.background{ background-color:#778D58 }
```

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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