

# Converting Colors

Hex(7C7877)

Have a look what the booklet for  
Hex(7C7877) contains.

<b>Hex(7C7877)</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(7C7877)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C7877
RGB	124, 120, 119
RGB Percent	49%, 47%, 47%
CMY	0.5137, 0.5294, 0.5333
CMYK	0.00, 0.03, 0.04, 0.51
HSL	12°, 2%, 48%
HSV	12°, 4%, 49%
XYZ	18.3584, 19.0499, 20.1622
YIQ	121.0820, 2.7050, 0.5370

# Conversions

## Conversions Part 2

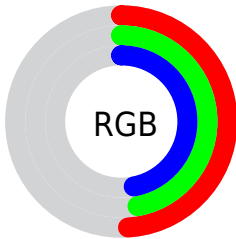
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 120, 119
Decimal	8157303
CIE <sub>Lab</sub>	50.75, 1.33, 1.08
CIE <sub>LCh</sub>	51, 1.714, 39.175
Yxy	19.0499, 0.3189, 0.3309
Android (android.graphics.Color)	4286347383 (0xFF7C7877)
YUV	121.0820, -1.0264, 2.5591
Hunter-Lab	43.6462, -1.3005, 3.1636

# Details

The Hex color **7C7877** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777B7C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B0ACAB**, and **4B4847** is the 20% darker color. If you saturate the color by 10%, you get **7C6E6B**, and if you desaturate by 10%, it is **7C8283**.

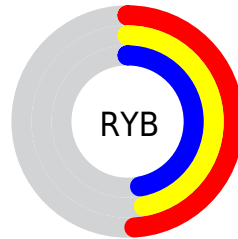
# Distribution



Red (49%)

Green (47%)

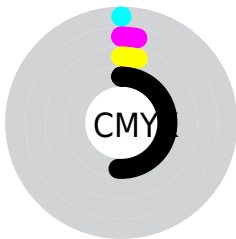
Blue (47%)



Red (49%)

Yellow (47%)

Blue (47%)

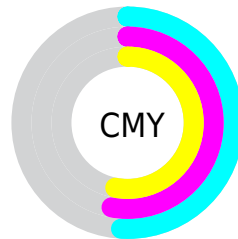


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7877 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 7C7877 by changing the saturation by 10% instead.



■ 7C7877

■ 7C7877

FFFFFF

■ 635F5E

■ B0ACAB

■ 4B4847

■ CCC8C6

■ 353130

■ E8E4E2

■ 1F1C1C

■ 070200

■ 000000

■ 7C7877

■ 7C7877

■ 7C6E6B

■ 7C8283

■ 7C645E

■ 7C8C90

 7C5A52

 7C969C

 7C5045

 7CA0A9

 7C4639

 7CAAB5

 7C3C2D

 7CB4C1

 7C3320

 7CBDCE

 7C2914

 7CC7DA

 7C1F07

 7CD1E7

# Harmonies

## Analogous

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



7C7878



7C7877



7B7876

# Triad

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



7C7877



767A78



78797C

# Complementary

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



7C7877



777B7C

# 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.



76797B



7C7877



757A79

# Square

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



7C7877



787977



757A7B



7A787B

# Rectangle

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



7C7877



7A7976



757A7B



77797C



# Sweetspot

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



7C7877



A19F9F



7C777B



525151



D1D1D1



525252



# Same Dimension

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



7C7877



A19A99



7C7A77



3D3A3A



7D1900



FC3200



# Inverse Universe

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



777B7C



999FA1



77797C



3A3C3D



00647D



00CAFC



# Previews

## White Background



This preview shows how the Hex color 7C7877 looks on a white background.

## Color Contrast Check

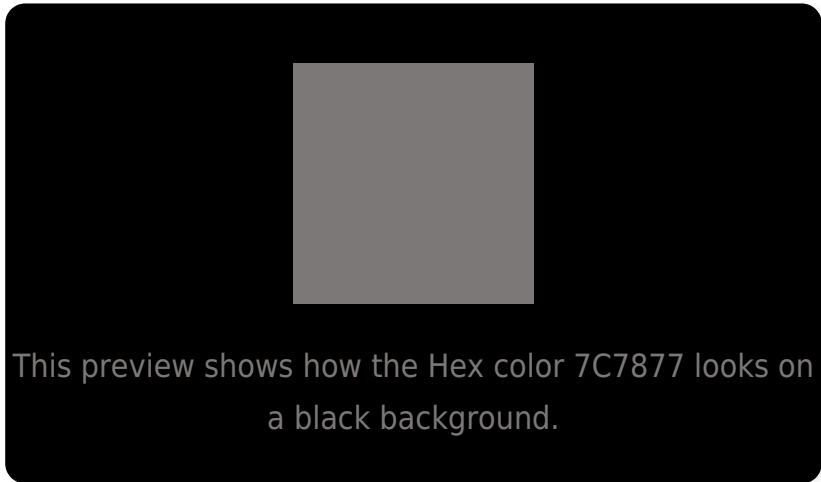
Large Text (above 18pt) WCAG AA ✓ Pass

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

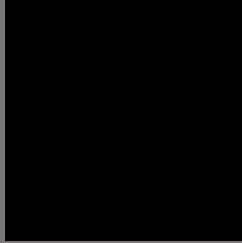
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

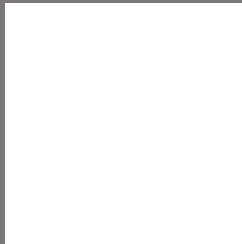
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C7877 Background



This preview shows how black text looks on a background with the Hex color 7C7877.



This preview shows how white text looks on a background with the Hex color 7C7877.

# 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**  
7C7877

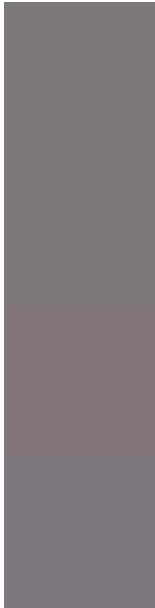
**Protanopia**  
7B7877

**Deuteranopia**  
857578



**Tritanopia**  
7D7780

# Trichromacy



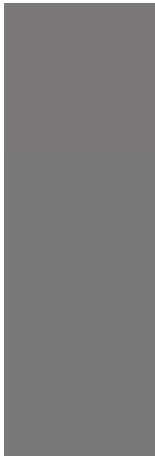
**Original Color**  
7C7877

**Protanomaly**  
7B7877

**Deuteranomaly**  
827678

**Tritanomaly**  
7D777D

# Monochromacy



**Original Color**  
7C7877

**Achromatopsia**  
797979

**Achromatomaly**  
7A7978

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7877 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 #7C7877 looks like.

```
.text, #text, p{  
    color:#7C7877  
}
```

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 #7C7877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7877
}
```

## Border

The CSS property to change the border of an element to Hex 7C7877 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
#7C7877 }
```

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

```
.border{ border-color:#7C7877 }
```

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

Here you see how a box with a 4 pixel #7C7877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7877; -webkit-box-shadow:4px 4px  
4px 4px #7C7877; box-shadow:4px 4px 4px  
4px #7C7877 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7877 }
```

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

```
.background{ background-color:#7C7877 }
```

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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