

# Converting Colors

Hex(77A28C)

Have a look what the booklet for  
Hex(77A28C) contains.

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# **Color**

**Hex(77A28C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77A28C
RGB	119, 162, 140
RGB Percent	47%, 64%, 55%
CMY	0.5333, 0.3647, 0.4510
CMYK	0.27, 0.00, 0.14, 0.36
HSL	149°, 19%, 55%
HSV	149°, 27%, 64%
XYZ	25.2617, 31.6560, 29.5897
YIQ	146.6350, -18.5660, -15.9580

# Conversions

## Conversions Part 2

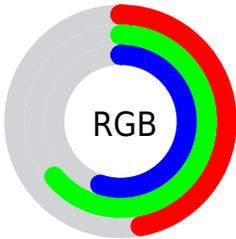
Format	Color
<a href="#">RYB</a>	<a href="#">119, 148, 162</a>
Decimal	<a href="#">7840396</a>
CIELab	<a href="#">63.06, -19.29, 6.76</a>
CIELCh	<a href="#">63, 20.442, 160.689</a>
Yxy	<a href="#">31.6560, 0.2920, 0.3659</a>
Android (android.graphics.Color)	<a href="#">4286030476 (0xFF77A28C)</a>
YUV	<a href="#">146.6350, -3.2711, -24.2359</a>
Hunter-Lab	<a href="#">56.2637, -18.3172, 8.2033</a>

# Details

The Hex color **77A28C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A2778D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ACD9C2**, and **456E5A** is the 20% darker color. If you saturate the color by 10%, you get **67A284**, and if you desaturate by 10%, it is **87A294**.

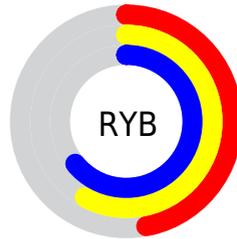
# Distribution



Red (47%)

Green (64%)

Blue (55%)



Red (47%)

Yellow (58%)

Blue (64%)

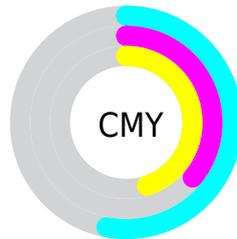


Cyan (27%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77A28C 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 77A28C by changing the saturation by 10% instead.

 77A28C

 77A28C

FFFFFF

 5E8873

 ACD9C2

 456E5A

 C8F6DD

 2D5643

 E4FFFA

 163E2C

 002818

 001300

 000000

 77A28C

 77A28C

 67A284

 87A294

■ 57A27B

■ 97A29D

■ 46A273

■ A8A2A5

■ 36A26B

■ B8A2AD

■ 26A263

■ C8A2B5

■ 16A25A

■ D8A2BE

■ 06A252

■ E8A2C6

■ 00A24F

■ F9A2CE

■ FFA2D7

# Harmonies

## Analogous

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



8B9F7D



77A28C



68A39F

# Triad

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



77A28C



8C98BC



BC8E82

# Complementary

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



77A28C



A2778D

# 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.



BE8C93



77A28C



A492B4

# Square

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



77A28C



749EBA



B58DA5



B19377

# Rectangle

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



77A28C



65A2AA



B58DA5



BE8D87

# Sweetspot

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



77A28C



C3D4CB



8DA277



606B66



EBEBEB



6B6B6B



# Same Dimension

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



77A28C



90D4B1



77A2A1



49524D



009147



001209



# Inverse Universe

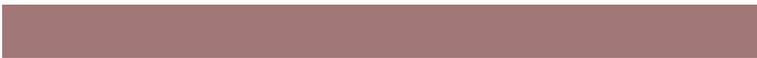
The Inverse Universe completely reimagines the original color for something new.



A2778D



D490B3



A27778



52494E



91004A

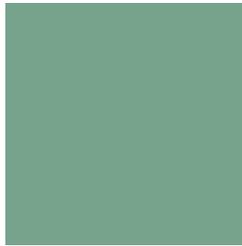


120009



# Previews

## White Background



This preview shows how the Hex color 77A28C looks on a white background.

## Color Contrast Check

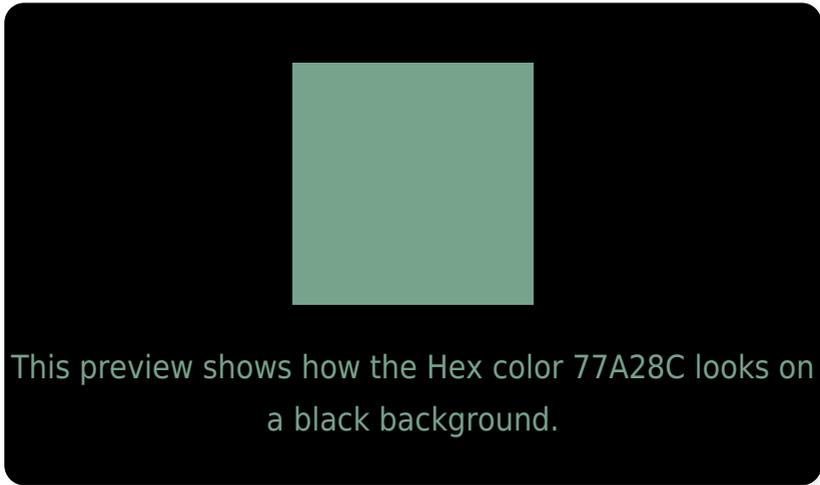
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

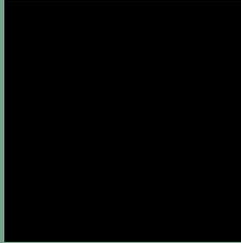
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

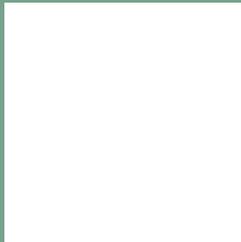
Any Text WCAG AAA ✓ Pass

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

## Hex 77A28C Background



This preview shows how black text looks on a background with the Hex color 77A28C.

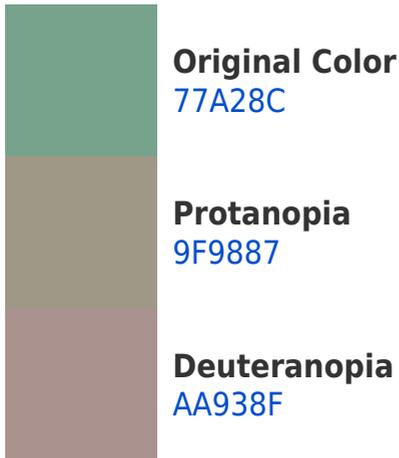


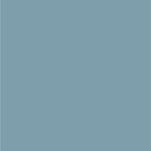
This preview shows how white text looks on a background with the Hex color 77A28C.

# 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**  
7D9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77A28C 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 #77A28C looks like.

```
.text, #text, p{  
    color:#77A28C  
}
```

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 #77A28C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A28C
}
```

## Border

The CSS property to change the border of an element to Hex 77A28C 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
#77A28C }
```

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

```
.border{ border-color:#77A28C }
```

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

Here you see how a box with a 4 pixel #77A28C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A28C; -webkit-box-shadow:4px 4px  
4px 4px #77A28C; box-shadow:4px 4px 4px  
4px #77A28C }
```

# Background

The CSS property to change the background color of an element to Hex 77A28C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A28C }
```

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

```
.background{ background-color:#77A28C }
```

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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