

Converting Colors

Hex(77A18E)

Have a look what the booklet for
Hex(77A18E) contains.

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Color

Hex(77A18E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 77A18E |
| RGB | 119, 161, 142 |
| RGB Percent | 47%, 63%, 56% |
| CMY | 0.5333, 0.3686, 0.4431 |
| CMYK | 0.26, 0.00, 0.12, 0.37 |
| HSL | 153°, 18%, 55% |
| HSV | 153°, 26%, 63% |
| XYZ | 25.2351, 31.3647, 30.3151 |
| YIQ | 146.2760, -18.9330, -14.8130 |

Conversions

Conversions Part 2

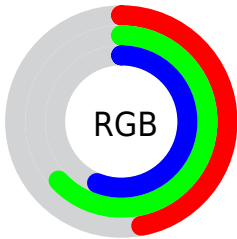
| Format | Color |
|-------------------------------------|---|
| RYB | 119, 146, 161 |
| Decimal | 7840142 |
| CIELab | 62.81, -18.36, 5.29 |
| CIELCh | 63, 19.104, 163.922 |
| Yxy | 31.3647, 0.2903, 0.3609 |
| Android (android.graphics.Color) | 4286030222 (0xFF77A18E) |
| YUV | 146.2760, -2.1081, -23.9211 |
| Hunter-Lab | 56.0042, -17.5764, 7.1092 |

Details

The Hex color **77A18E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A1778A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACD8C4**, and **456D5C** is the 20% darker color. If you saturate the color by 10%, you get **67A187**, and if you desaturate by 10%, it is **87A195**.

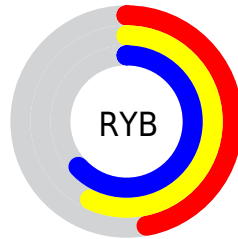
Distribution



Red (47%)

Green (63%)

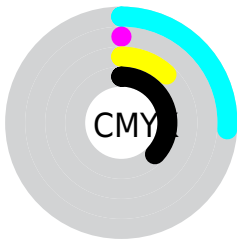
Blue (56%)



Red (47%)

Yellow (57%)

Blue (63%)

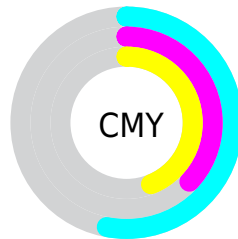


Cyan (26%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A18E 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 77A18E by changing the saturation by 10% instead.

 77A18E

 77A18E

FFFFFF

 5E8774

 ACD8C4

 456D5C

 C8F4E0

 2D5544

 E4FFFC

 163D2E

 002719

 001200

 000000

 77A18E

 77A18E

 67A187

 87A195

 57A17F

 97A19D

 47A178

 A7A1A4

 37A171

 B7A1AB

 27A16A

 C8A1B2

 16A162

 D8A1BA

 06A15B

 E8A1C1

 00A158

 F8A1C8

 FFA1D0

Harmonies

Analogous

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



899E7F



77A18E



6BA29F

Triad

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



77A18E



8F97B9



B88F81

Complementary

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



77A18E



A1778A

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.



BB8C91



77A18E



A591B0

Square

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



77A18E



799CB8



B48DA2



AD9478

Rectangle

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



77A18E



69A1AA



B48DA2



BA8D86

Sweetspot

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



77A18E



C0D1CA



8BA177



5E6964



E8E8E8



696969

Same Dimension

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



77A18E



90D1B4



77A0A1



49524E



009150



00120A

Inverse Universe

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



A1778A



D190AE



A17877



52494D



910042



120008

Previews

White Background



This preview shows how the Hex color 77A18E looks on a white background.

Color Contrast Check

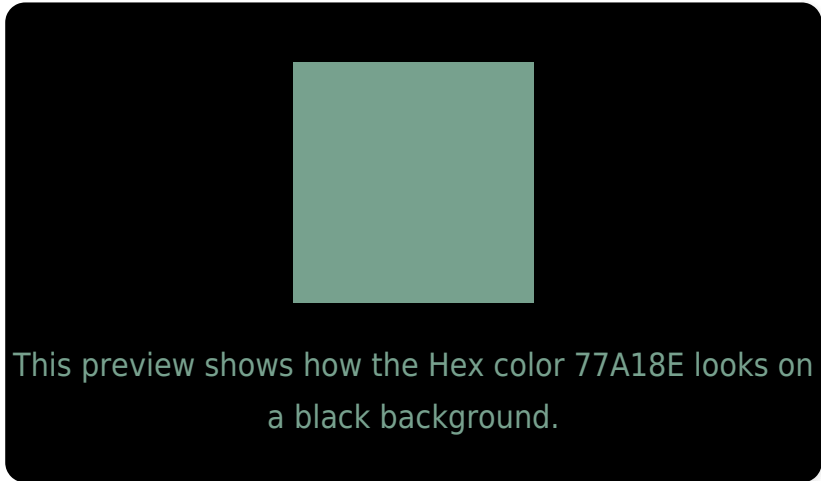
Large Text (above 18pt) WCAG AA × Fail

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

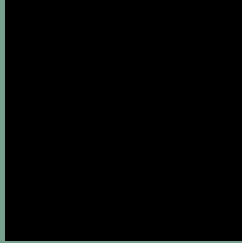
Any Text WCAG AA ✓ Pass

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 77A18E Background



This preview shows how black text looks on a background with the Hex color 77A18E.

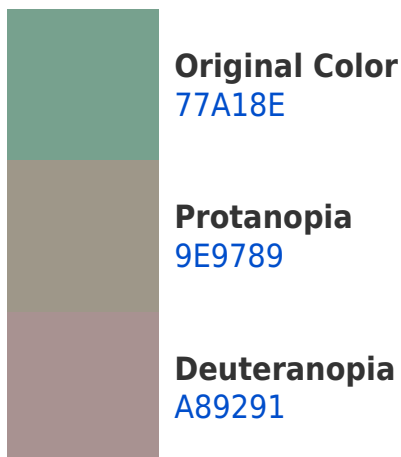


This preview shows how white text looks on a background with the Hex color 77A18E.

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
7C9DAA

Trichromacy



Original Color
77A18E

Protanomaly
909B8B

Deuteranomaly
969790

Tritanomaly
7A9EAO

Monochromacy



Original Color
77A18E

Achromatopsia
929292

Achromatomaly
889791

CSS Examples

Text

The CSS property to change the color of the text to Hex 77A18E 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 #77A18E looks like.

```
.text, #text, p{  
    color:#77A18E  
}
```

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 #77A18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A18E
}
```

Border

The CSS property to change the border of an element to Hex 77A18E 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
#77A18E }
```

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

```
.border{ border-color:#77A18E }
```

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

Here you see how a box with a 4 pixel #77A18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A18E; -webkit-box-shadow:4px 4px  
4px 4px #77A18E; box-shadow:4px 4px 4px  
4px #77A18E }
```

Background

The CSS property to change the background color of an element to Hex 77A18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A18E }
```

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

```
.background{ background-color:#77A18E }
```

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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