

Converting Colors

Hex(70A787)

Have a look what the booklet for
Hex(70A787) contains.

Hex(70A787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70A787)

Conversions

Conversions Part 1

Format	Color
Hex	70A787
RGB	112, 167, 135
RGB Percent	44%, 65%, 53%
CMY	0.5608, 0.3451, 0.4706
CMYK	0.33, 0.00, 0.19, 0.35
HSL	145°, 24%, 55%
HSV	145°, 33%, 65%
XYZ	24.8740, 32.8314, 27.9478
YIQ	146.9070, -22.5080, -21.6120

Conversions

Conversions Part 2

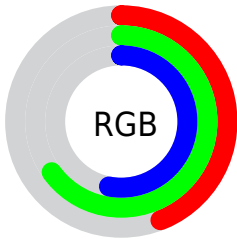
Format	Color
RYB	112, 151, 167
Decimal	7382919
CIELab	64.02, -25.11, 10.87
CIElCh	64, 27.363, 156.596
Yxy	32.8314, 0.2904, 0.3833
Android (android.graphics.Color)	4285572999 (0xFF70A787)
YUV	146.9070, -5.8702, -30.6134
Hunter-Lab	57.2987, -22.7841, 11.1901

Details

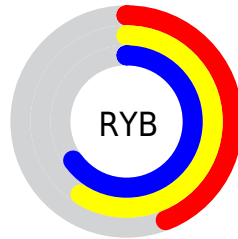
The Hex color **70A787** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A77090**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A5DEBC**, and **3D7355** is the 20% darker color. If you saturate the color by 10%, you get **5FA77D**, and if you desaturate by 10%, it is **81A791**.

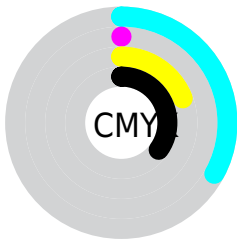
Distribution



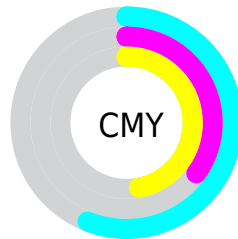
- Red (44%)
- Green (65%)
- Blue (53%)



- Red (44%)
- Yellow (59%)
- Blue (65%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A787 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 70A787 by changing the saturation by 10% instead.



70A787



70A787

FFFFFF



568C6E



A5DEBC



3D7355



C1FBD8



245A3E



DDFFF5



084228



FAFFFF



002B14



001700



000000



70A787



70A787



5FA77D



81A791

 4FA774

 91A79A

 3EA76A

 A2A7A4

 2DA760

 B3A7AE

 1CA756

 C3A7B8

 0CA74D

 D4A7C1

 00A746

 E5A7CB

 F6A7D5

 FFA7DE

Harmonies

Analogous

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



8CA273



70A787



57A9A0

Triad

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



70A787



839CCB



CA8C7F

Complementary

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



70A787



A77090

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.



CB8997



70A787



A693C2

Square

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



70A787



61A3C7



BF8CAF



BD936F

Rectangle

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



70A787



4EA8B0



BF8CAF



CC8A86

Sweetspot

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



70A787



C3D9CC



90A770



606E66



EDEDED



6E6E6E

Same Dimension

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



70A787



82D9A6



70A7A2



4C544F



00943E



001409

Inverse Universe

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



A77090



D982B4



A77075



544C51



940056



14000C

Previews

White Background



This preview shows how the Hex color 70A787 looks on a white background.

Color Contrast Check

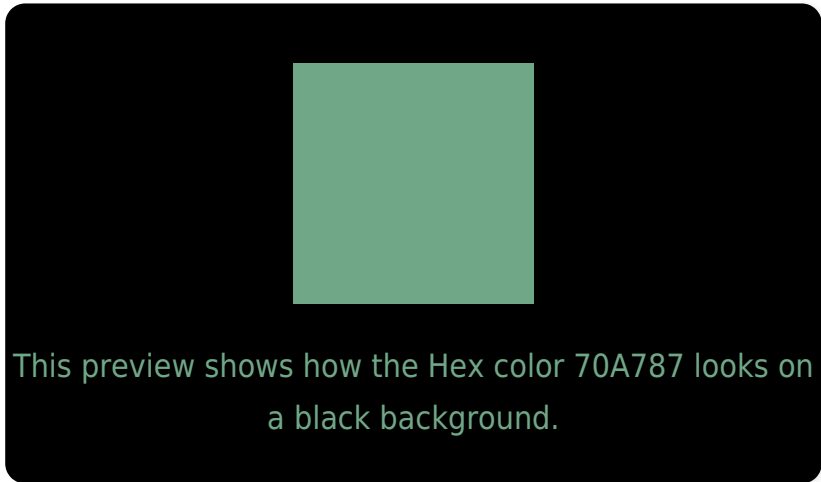
Large Text (above 18pt) WCAG AA × Fail

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

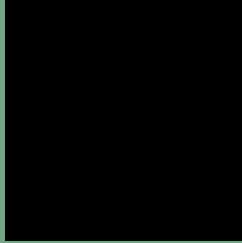
Any Text WCAG AA ✓ Pass

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 70A787 Background



This preview shows how black text looks on a background with the Hex color 70A787.

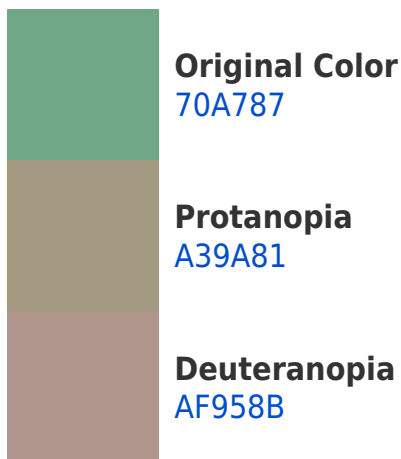


This preview shows how white text looks on a background with the Hex color 70A787.

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](#).

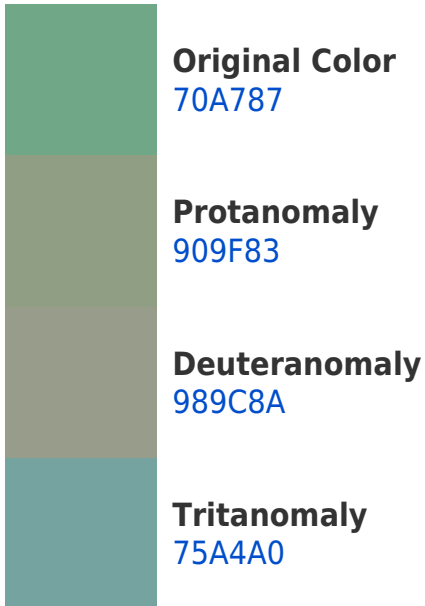
Dichromacy



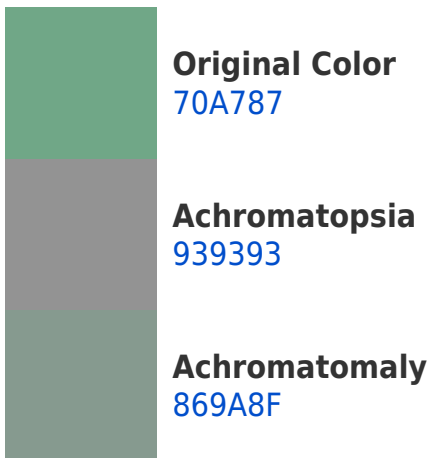


Tritanopia
78A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A787 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 #70A787 looks like.

```
.text, #text, p{  
    color:#70A787  
}
```

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 #70A787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A787
}
```

Border

The CSS property to change the border of an element to Hex 70A787 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
#70A787 }
```

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

```
.border{ border-color:#70A787 }
```

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

Here you see how a box with a 4 pixel #70A787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A787; -webkit-box-shadow:4px 4px  
4px 4px #70A787; box-shadow:4px 4px 4px  
4px #70A787 }
```

Background

The CSS property to change the background color of an element to Hex 70A787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A787 }
```

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

```
.background{ background-color:#70A787 }
```

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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