

# Converting Colors

Hex(74AA88)

Have a look what the booklet for  
Hex(74AA88) contains.

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# **Color**

**Hex(74AA88)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74AA88
RGB	116, 170, 136
RGB Percent	45%, 67%, 53%
CMY	0.5451, 0.3333, 0.4667
CMYK	0.32, 0.00, 0.20, 0.33
HSL	142°, 24%, 56%
HSV	142°, 32%, 67%
XYZ	26.0211, 34.2400, 28.5301
YIQ	149.9780, -21.2700, -22.0220

# Conversions

## Conversions Part 2

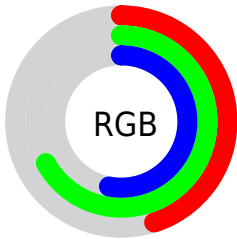
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 155, 170
Decimal	7645832
CIELab	65.15, -25.13, 11.94
CIELCh	65, 27.824, 154.593
Yxy	34.2400, 0.2931, 0.3856
Android (android.graphics.Color)	4285835912 (0xFF74AA88)
YUV	149.9780, -6.8912, -29.7987
Hunter-Lab	58.5150, -23.0238, 12.0525

# Details

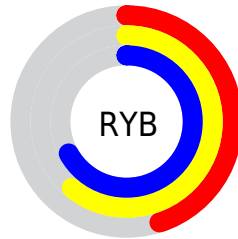
The Hex color **74AA88** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA7496**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A9E2BD**, and **417656** is the 20% darker color. If you saturate the color by 10%, you get **63AA7D**, and if you desaturate by 10%, it is **85AA93**.

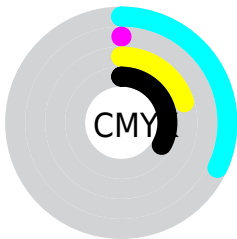
# Distribution



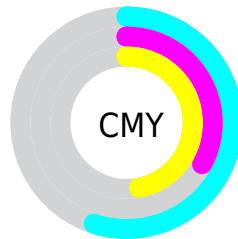
- Red (45%)
- Green (67%)
- Blue (53%)



- Red (45%)
- Yellow (61%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (55%)
- Magenta (33%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74AA88 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 74AA88 by changing the saturation by 10% instead.





74AA88



74AA88

FFFFFF



5A8F6F



A9E2BD



417656



C5FED9



295D3F



E1FFF6



0E4529

FEFFFF



002E14



001B00



000000



74AA88



74AA88



63AA7D



85AA93

 52AA73

 96AA9D

 41AA68

 A7AAA8

 30AA5D

 B8AAB3

 1FAA52

 C9AABE

 0EAA48

 DAAAC8

 00AA3F

 EBAAD3

 FCAADE

 FFAAE8

# Harmonies

## Analogous

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



91A575



74AA88



5AACA1

# Triad

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



74AA88



839FCF



CE8E83

# Complementary

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



74AA88



AA7496

# 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.



CF8C9B



74AA88



A796C7

# Square

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



74AA88



61A6CA



C18FB4



C29572

# Rectangle

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



74AA88



50ACB2



C18FB4



D08D8B



# Sweetspot

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



74AA88



C8DED0



96AA74



637068



F0F0F0



707070



# Same Dimension

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



74AA88



8ADEA9



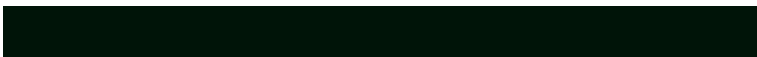
74AAA3



4C544F



009437



001408



# Inverse Universe

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



AA7496



DE8ABF



AA747B



544C51



94005D



14000D



# Previews

## White Background



This preview shows how the Hex color 74AA88 looks on a white background.

## Color Contrast Check

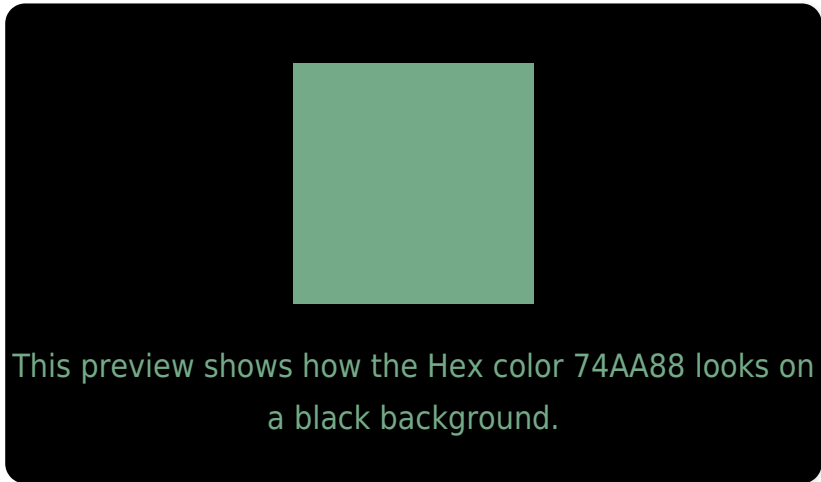
Large Text (above 18pt) WCAG AA × Fail

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

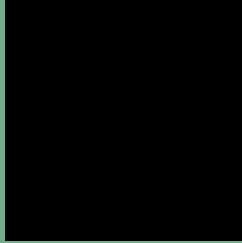
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74AA88 Background



This preview shows how black text looks on a background with the Hex color 74AA88.

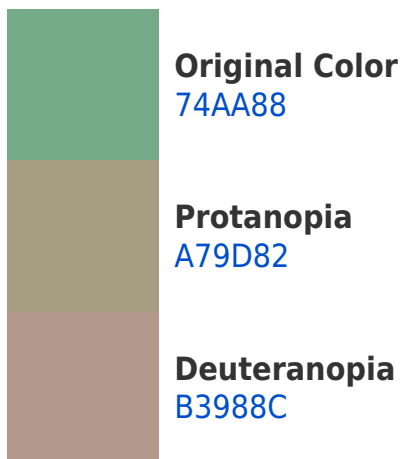


This preview shows how white text looks on a background with the Hex color 74AA88.

# 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**  
7CA4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74AA88 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 #74AA88 looks like.

```
.text, #text, p{  
    color:#74AA88  
}
```

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 #74AA88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AA88
}
```

## Border

The CSS property to change the border of an element to Hex 74AA88 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
#74AA88 }
```

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

```
.border{ border-color:#74AA88 }
```

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

Here you see how a box with a 4 pixel #74AA88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AA88; -webkit-box-shadow:4px 4px  
4px 4px #74AA88; box-shadow:4px 4px 4px  
4px #74AA88 }
```

# Background

The CSS property to change the background color of an element to Hex 74AA88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AA88 }
```

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

```
.background{ background-color:#74AA88 }
```

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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