

Converting Colors

Hex(74A089)

Have a look what the booklet for
Hex(74A089) contains.

Hex(74A089)	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(74A089)

Conversions

Conversions Part 1

Format	Color
Hex	74A089
RGB	116, 160, 137
RGB Percent	45%, 63%, 54%
CMY	0.5451, 0.3725, 0.4627
CMYK	0.28, 0.00, 0.14, 0.37
HSL	149°, 19%, 54%
HSV	149°, 28%, 63%
XYZ	24.2886, 30.6608, 28.3049
YIQ	144.2220, -18.8410, -16.4810

Conversions

Conversions Part 2

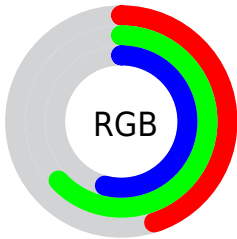
Format	Color
RYB	116, 146, 160
Decimal	7643273
CIELab	62.22, -19.86, 7.22
CIELCh	62, 21.136, 160.027
Yxy	30.6608, 0.2917, 0.3683
Android (android.graphics.Color)	4285833353 (0xFF74A089)
YUV	144.2220, -3.5604, -24.7507
Hunter-Lab	55.3722, -18.6035, 8.4529

Details

The Hex color **74A089** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0748B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A9D7BE**, and **426C57** is the 20% darker color. If you saturate the color by 10%, you get **64A081**, and if you desaturate by 10%, it is **84A091**.

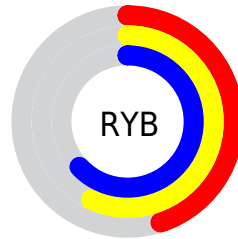
Distribution



Red (45%)

Green (63%)

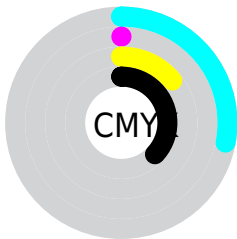
Blue (54%)



Red (45%)

Yellow (57%)

Blue (63%)

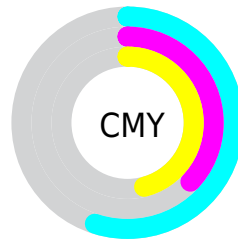


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74A089 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 74A089 by changing the saturation by 10% instead.



74A089



74A089

FFFFFF



5B8670



A9D7BE



426C57



C4F3DA



2A5440



E1FFF7



123C2A

FEFFFF



002615



000F00



000000



74A089



74A089



64A081



84A091

 54A078

 94A09A

 44A070

 A4A0A2

 34A068

 B4A0AA

 24A05F

 C4A0B3

 14A057

 D4A0BB

 04A04E

 E4A0C4

 00A04C

 F4A0CC

 FFA0D4

Harmonies

Analogous

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



899D79



74A089



64A19C

Triad

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



74A089



8996BB



BB8B7F

Complementary

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



74A089



A0748B

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.



BC8991



74A089



A18FB3

Square

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



74A089



709CB9



B48AA4



B09174

Rectangle

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



74A089



61A0A8



B48AA4



BC8A85

Sweetspot

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



74A089



C0D1C8



8BA074



5E6963



E8E8E8



696969

Same Dimension

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



74A089



8CD1AD



74A09F



474F4B



008F44



000F07

Inverse Universe

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



A0748B



D18CB0



A07475



4F474B



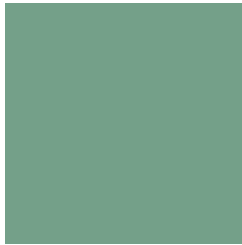
8F004B



0F0008

Previews

White Background



This preview shows how the Hex color 74A089 looks on a white background.

Color Contrast Check

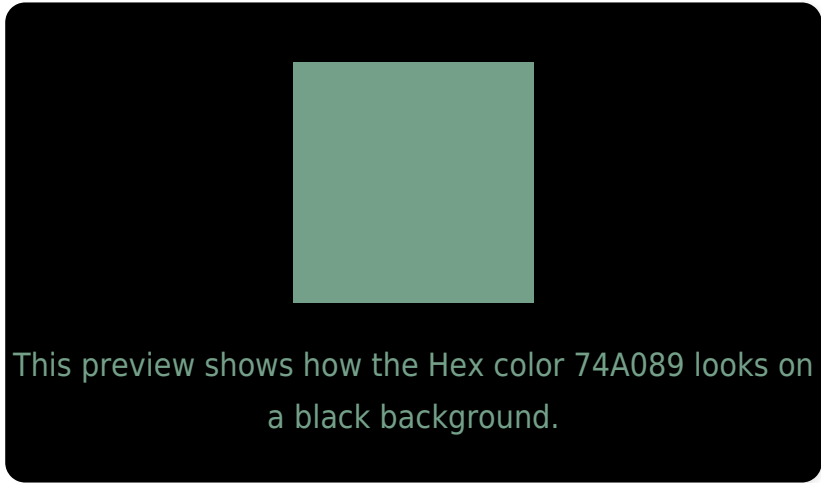
Large Text (above 18pt) WCAG AA × Fail

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

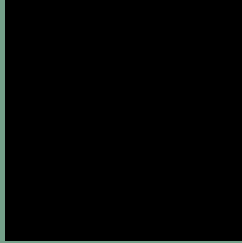
Any Text WCAG AA ✓ Pass

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 74A089 Background



This preview shows how black text looks on a background with the Hex color 74A089.

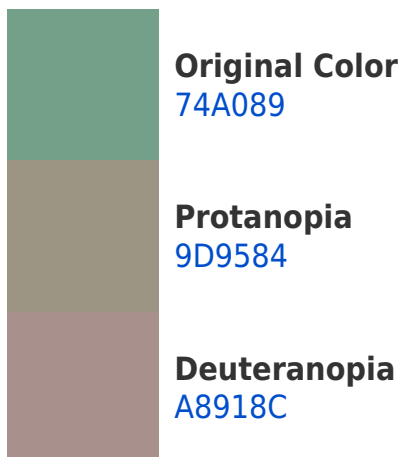


This preview shows how white text looks on a background with the Hex color 74A089.

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



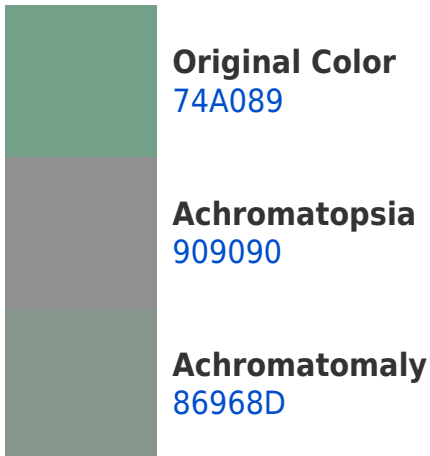


Tritanopia
7A9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74A089 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 #74A089 looks like.

```
.text, #text, p{  
    color:#74A089  
}
```

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 #74A089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A089
}
```

Border

The CSS property to change the border of an element to Hex 74A089 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
#74A089 }
```

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

```
.border{ border-color:#74A089 }
```

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

Here you see how a box with a 4 pixel #74A089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A089; -webkit-box-shadow:4px 4px  
4px 4px #74A089; box-shadow:4px 4px 4px  
4px #74A089 }
```

Background

The CSS property to change the background color of an element to Hex 74A089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A089 }
```

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

```
.background{ background-color:#74A089 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor