

Converting Colors

Hex(75A89C)

Have a look what the booklet for
Hex(75A89C) contains.

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Color

Hex(75A89C)

Conversions

Conversions Part 1

Format	Color
Hex	75A89C
RGB	117, 168, 156
RGB Percent	46%, 66%, 61%
CMY	0.5412, 0.3412, 0.3882
CMYK	0.30, 0.00, 0.07, 0.34
HSL	166°, 23%, 56%
HSV	166°, 30%, 66%
XYZ	27.3395, 34.1875, 36.6104
YIQ	151.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

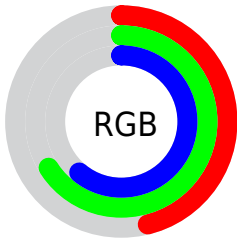
Format	Color
RYB	117, 146, 168
Decimal	7710876
CIELab	65.11, -19.56, 0.77
CIElCh	65, 19.576, 177.737
Yxy	34.1875, 0.2786, 0.3484
Android (android.graphics.Color)	4285900956 (0xFF75A89C)
YUV	151.3830, 2.2762, -30.1539
Hunter-Lab	58.4701, -18.8593, 3.8052

Details

The Hex color **75A89C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A87581**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AADFD2**, and **427469** is the 20% darker color. If you saturate the color by 10%, you get **64A898**, and if you desaturate by 10%, it is **86A8A0**.

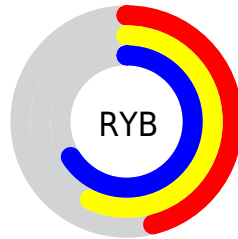
Distribution



Red (46%)

Green (66%)

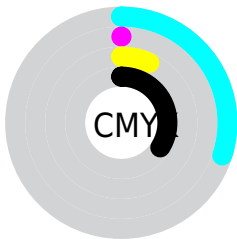
Blue (61%)



Red (46%)

Yellow (57%)

Blue (66%)

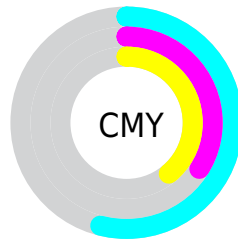


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A89C 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 75A89C by changing the saturation by 10% instead.

 75A89C

 75A89C

FFFFFF

 5B8D82

 AADFD2

 427469

 C6FCEF

 295B51

 E3FFFF

 0F433A

 002D24

 001A0F

 000000

 75A89C

 75A89C

 64A898

 86A8A0

 53A894

 97A8A4

 43A890

 A7A8A8

 32A88C

 B8A8AC

 21A888

 C9A8B0

 10A884

 DAA8B4

 00A880

 EBA8B8

 FBA8BC

 FFA8C0

Harmonies

Analogous

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



86A68B



75A89C



6DA8AE

Triad

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



75A89C



9F9ABD



BB9781

Complementary

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



75A89C



A87581

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.



C2938F



75A89C



B495B1

Square

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



75A89C



88A0C1



C092A0



AD9C7B

Rectangle

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



75A89C



70A6B7



C092A0



BE9585

Sweetspot

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



75A89C



C8DBD7



82A875



626E6B



EDEDED



6E6E6E

Same Dimension

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



75A89C



8CDBC9



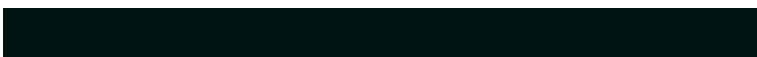
759BA8



4C5452



009471



001410

Inverse Universe

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



A87581



DB8C9F



A88275



544C4E



940023



140005

Previews

White Background



This preview shows how the Hex color 75A89C looks on a white background.

Color Contrast Check

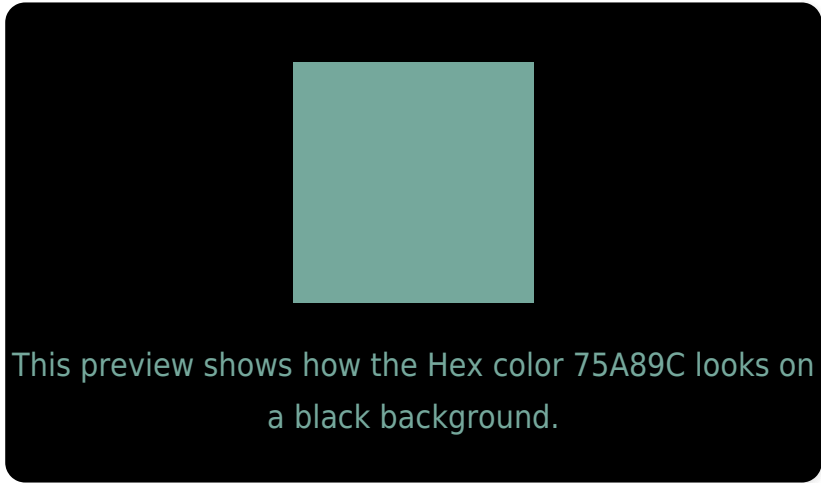
Large Text (above 18pt) WCAG AA × Fail

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

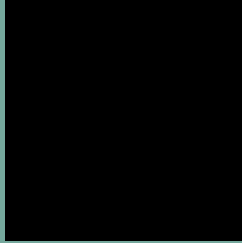
Any Text WCAG AA ✓ Pass

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 75A89C Background



This preview shows how black text looks on a background with the Hex color 75A89C.

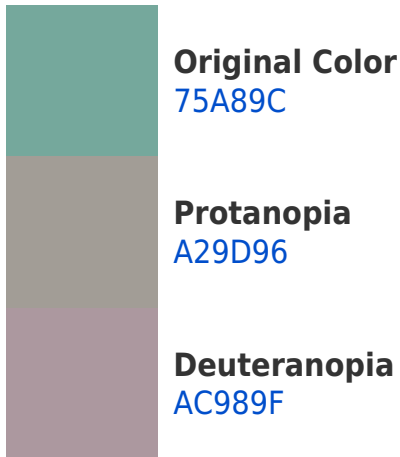


This preview shows how white text looks on a background with the Hex color 75A89C.

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](#).

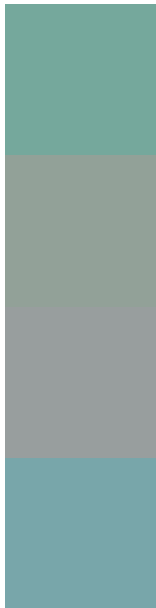
Dichromacy





Tritanopia
7AA5B2

Trichromacy



Original Color
75A89C

Protanomaly
92A198

Deuteranomaly
989E9E

Tritanomaly
78A6AA

Monochromacy



Original Color
75A89C

Achromatopsia
979797

Achromatomaly
8B9D99

CSS Examples

Text

The CSS property to change the color of the text to Hex 75A89C 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 #75A89C looks like.

```
.text, #text, p{  
    color:#75A89C  
}
```

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 #75A89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A89C
}
```

Border

The CSS property to change the border of an element to Hex 75A89C 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
#75A89C }
```

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

```
.border{ border-color:#75A89C }
```

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

Here you see how a box with a 4 pixel #75A89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A89C; -webkit-box-shadow:4px 4px  
4px 4px #75A89C; box-shadow:4px 4px 4px  
4px #75A89C }
```

Background

The CSS property to change the background color of an element to Hex 75A89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A89C }
```

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

```
.background{ background-color:#75A89C }
```

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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