

Converting Colors

Hex(75AC9D)

Have a look what the booklet for
Hex(75AC9D) contains.

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Color

Hex(75AC9D)

Conversions

Conversions Part 1

Format	Color
Hex	75AC9D
RGB	117, 172, 157
RGB Percent	46%, 67%, 62%
CMY	0.5412, 0.3255, 0.3843
CMYK	0.32, 0.00, 0.09, 0.33
HSL	164°, 25%, 57%
HSV	164°, 32%, 67%
XYZ	28.1744, 35.7213, 37.3082
YIQ	153.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

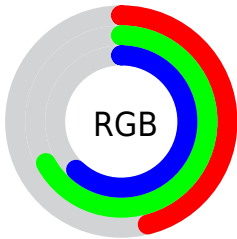
Format	Color
RYB	117, 149, 172
Decimal	7711901
CIELab	66.31, -21.39, 1.96
CIELCh	66, 21.476, 174.775
Yxy	35.7213, 0.2784, 0.3530
Android (android.graphics.Color)	4285901981 (0xFF75AC9D)
YUV	153.8450, 1.5554, -32.3131
Hunter-Lab	59.7673, -20.4474, 4.8268

Details

The Hex color **75AC9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC7584**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ABE4D4**, and **42776A** is the 20% darker color. If you saturate the color by 10%, you get **64AC98**, and if you desaturate by 10%, it is **86ACA2**.

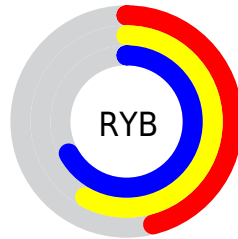
Distribution



Red (46%)

Green (67%)

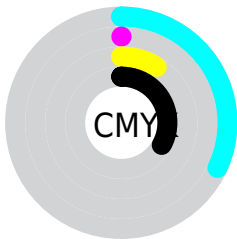
Blue (62%)



Red (46%)

Yellow (58%)

Blue (67%)

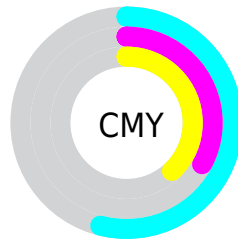


Cyan (32%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AC9D 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 75AC9D by changing the saturation by 10% instead.



75AC9D



75AC9D

FFFFFF



5B9183



ABE4D4



42776A



C7FFF0



295F52



E3FFFF



0D473B



003025



001D10



000000



75AC9D



75AC9D



64AC98



86ACA2

 53AC94

 97ACA6

 41AC8F

 A9ACAB

 30AC8A

 BAACB0

 1FAC86

 CBACB4

 0EAC81

 DCACB9

 00AC7D

 EDACBE

 FFACC3

 FFACC7

Harmonies

Analogous

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



89AA8A



75AC9D



6BACB1

Triad

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



75AC9D



A09DC4



C29982

Complementary

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



75AC9D



AC7584

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.



C99492



75AC9D



B797B8

Square

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



75AC9D



86A4C7



C594A5



B39F7B

Rectangle

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



75AC9D



6DAABC



C594A5



C59787

Sweetspot

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



75AC9D



CAE0DA



85AC75



63706D



F0F0F0



707070

Same Dimension

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



75AC9D



8BE0C9



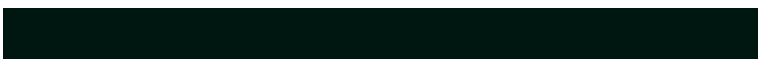
75A0AC



4E5754



00966D



001711

Inverse Universe

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



AC7584



E08BA2



AC8175



574E50



960029



170006

Previews

White Background



This preview shows how the Hex color 75AC9D 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



This preview shows how the Hex color 75AC9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

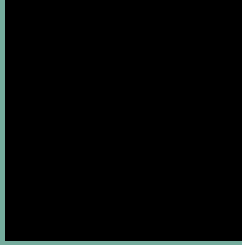
Any Text WCAG AA ✓ Pass

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 75AC9D Background



This preview shows how black text looks on a background with the Hex color 75AC9D.



This preview shows how white text looks on a background with the Hex color 75AC9D.

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](#).

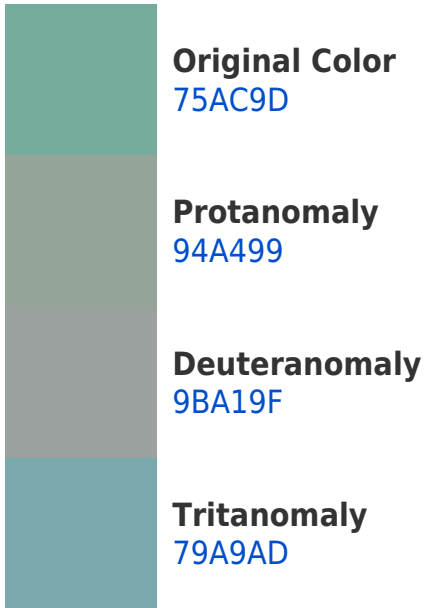
Dichromacy



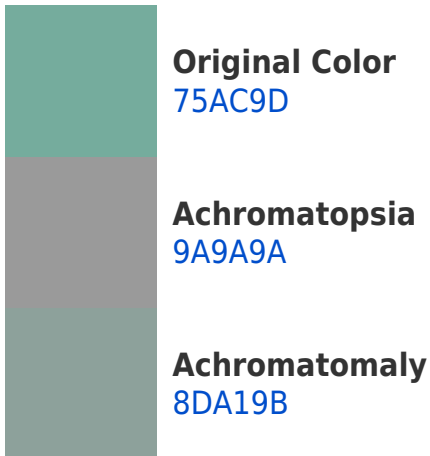


Tritanopia
7BA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AC9D 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 #75AC9D looks like.

```
.text, #text, p{  
    color:#75AC9D  
}
```

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 #75AC9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AC9D
}
```

Border

The CSS property to change the border of an element to Hex 75AC9D 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
#75AC9D }
```

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

```
.border{ border-color:#75AC9D }
```

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

Here you see how a box with a 4 pixel #75AC9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AC9D; -webkit-box-shadow:4px 4px  
4px 4px #75AC9D; box-shadow:4px 4px 4px  
4px #75AC9D }
```

Background

The CSS property to change the background color of an element to Hex 75AC9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AC9D }
```

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

```
.background{ background-color:#75AC9D }
```

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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