

Converting Colors

Hex(75AAB7)

Have a look what the booklet for
Hex(75AAB7) contains.

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Color

Hex(75AAB7)

Conversions

Conversions Part 1

Format	Color
Hex	75AAB7
RGB	117, 170, 183
RGB Percent	46%, 67%, 72%
CMY	0.5412, 0.3333, 0.2824
CMYK	0.36, 0.07, 0.00, 0.28
HSL	192°, 31%, 59%
HSV	192°, 36%, 72%
XYZ	30.2581, 35.9503, 50.1441
YIQ	155.6350, -35.7610, -7.1930

Conversions

Conversions Part 2

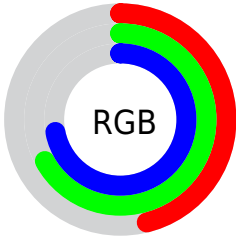
Format	Color
RYB	117, 146, 183
Decimal	7711415
CIELab	66.48, -14.12, -12.24
CIElCh	66, 18.685, 220.917
Yxy	35.9503, 0.2601, 0.3090
Android (android.graphics.Color)	4285901495 (0xFF75AAB7)
YUV	155.6350, 13.4909, -33.8829
Hunter-Lab	59.9585, -14.8474, -7.6140

Details

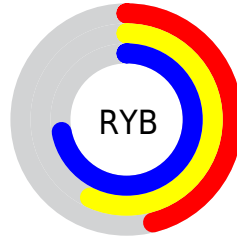
The Hex color **75AAB7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B78275**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ABE1EF**, and **417682** is the 20% darker color. If you saturate the color by 10%, you get **63A6B7**, and if you desaturate by 10%, it is **87AEB7**.

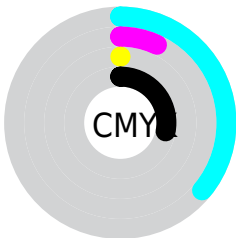
Distribution



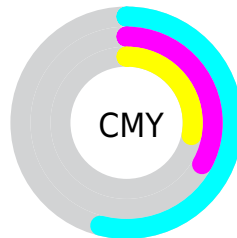
- Red (46%)
- Green (67%)
- Blue (72%)



- Red (46%)
- Yellow (57%)
- Blue (72%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (54%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AAB7 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 75AAB7 by changing the saturation by 10% instead.

 75AAB7

 75AAB7

FFFFFF

 5B8F9C

 ABE1EF

 417682

 C7FEFF

 265D69

 E4FFFF

 034551

 002F3A

 001B24

 00010E

 000000

 75AAB7

 75AAB7

63A6B7

87AEB7

50A3B7

9AB1B7

3E9FB7

ACB5B7

2C9CB7

BEB8B7

1A98B7

D1BCB7

0794B7

E3C0B7

0093B7

F5C3B7

FFC7B7

FFCAB7

Harmonies

Analogous

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



76ABA7



75AAB7



81A6C1

Triad

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



75AAB7



BD97AD



A8A381

Complementary

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



75AAB7



B78275

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.



B89D82



75AAB7



C4969C

Square

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



75AAB7



AC9BBB



C3988C



95A788

Rectangle

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



75AAB7



8FA3C3



C3988C



AEA180

Sweetspot

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



75AAB7



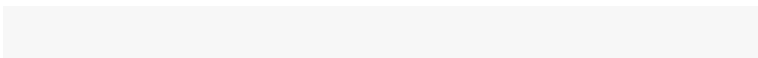
D3E8ED



75B781



687578



F7F7F7



787878

Same Dimension

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



75AAB7



87D9ED



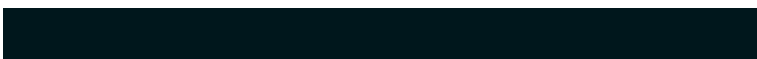
758AB7



535A5C



007D9C



00171C

Inverse Universe

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



B775AA



ED87D9



B7A275



5C535A



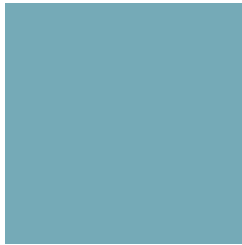
9C007D



1C0017

Previews

White Background



This preview shows how the Hex color 75AAB7 looks on a white background.

Color Contrast Check

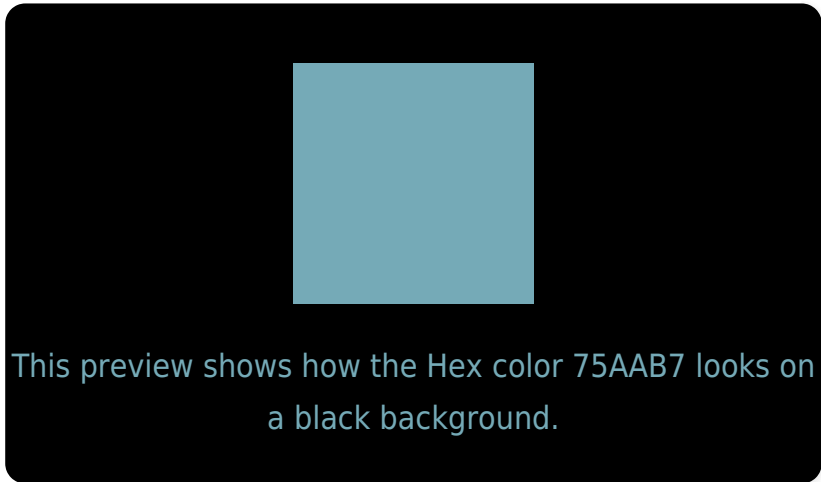
Large Text (above 18pt) WCAG AA × Fail

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

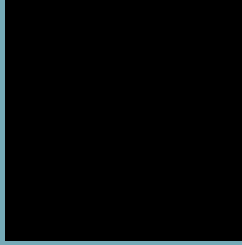
Any Text WCAG AA ✓ Pass

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 75AAB7 Background



This preview shows how black text looks on a background with the Hex color 75AAB7.

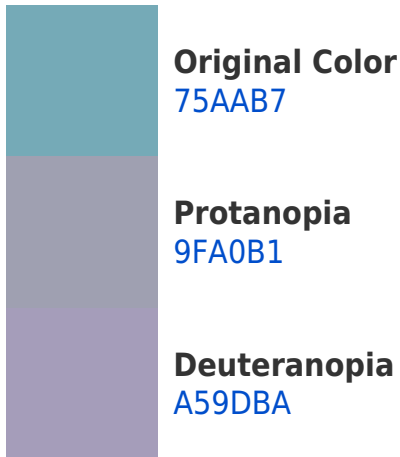


This preview shows how white text looks on a background with the Hex color 75AAB7.

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](#).

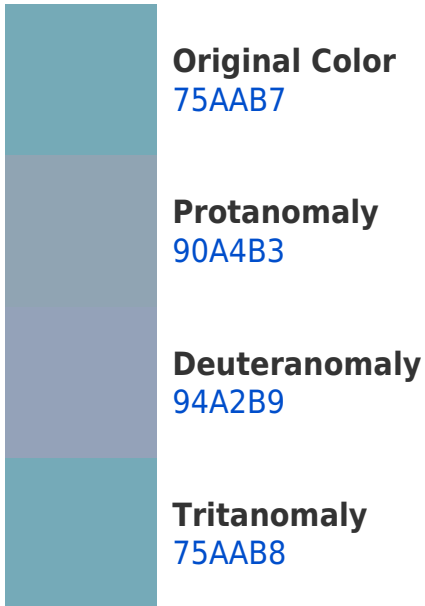
Dichromacy



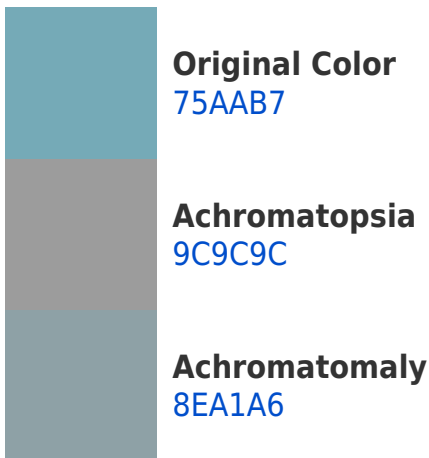


Tritanopia
75AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AAB7 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 #75AAB7 looks like.

```
.text, #text, p{  
    color:#75AAB7  
}
```

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 #75AAB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AAB7
}
```

Border

The CSS property to change the border of an element to Hex 75AAB7 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
#75AAB7 }
```

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

```
.border{ border-color:#75AAB7 }
```

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

Here you see how a box with a 4 pixel #75AAB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AAB7; -webkit-box-shadow:4px 4px  
4px 4px #75AAB7; box-shadow:4px 4px 4px  
4px #75AAB7 }
```

Background

The CSS property to change the background color of an element to Hex 75AAB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AAB7 }
```

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

```
.background{ background-color:#75AAB7 }
```

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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