

Converting Colors

Hex(75AAAA)

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

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Color

Hex(75AAAA)

Conversions

Conversions Part 1

Format	Color
Hex	75AAAA
RGB	117, 170, 170
RGB Percent	46%, 67%, 67%
CMY	0.5412, 0.3333, 0.3333
CMYK	0.31, 0.00, 0.00, 0.33
HSL	180°, 24%, 56%
HSV	180°, 31%, 67%
XYZ	28.9665, 35.4336, 43.3429
YIQ	154.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

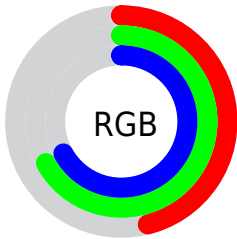
Format	Color
RYB	117, 144, 170
Decimal	7711402
CIELab	66.08, -17.34, -5.60
CIElCh	66, 18.218, 197.895
Yxy	35.4336, 0.2688, 0.3289
Android (android.graphics.Color)	4285901482 (0xFF75AAAA)
YUV	154.1530, 7.8126, -32.5832
Hunter-Lab	59.5262, -17.3093, -1.5026

Details

The Hex color **75AAAA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AA7575**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ABE1E1**, and **417676** is the 20% darker color. If you saturate the color by 10%, you get **64AAAA**, and if you desaturate by 10%, it is **86AAAA**.

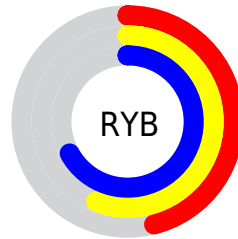
Distribution



Red (46%)

Green (67%)

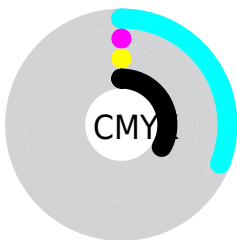
Blue (67%)



Red (46%)

Yellow (56%)

Blue (67%)

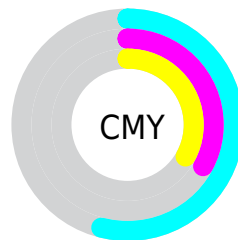


Cyan (31%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

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

 75AAAA

 75AAAA

FFFFFF

 5B8F90

 ABE1E1

 417676

 C7FEFE

 285D5D

 E3FFFF

 0A4546

 002F2F

 001B1B

 000000

 75AAAA

 75AAAA

 64AAAA

 86AAAA

53AAAA

97AAAA

42AAAA

A8AAAA

31AAAA

B9AAAA

20AAAA

CAAAAA

0FAAAA

DBAAAA

00AAAA

ECAAAA

FDAAAA

FFAAAA

Harmonies

Analogous

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



7FAA99



75AAAA



77A8B8

Triad

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



75AAAA



AF99B7



B49D81

Complementary

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



75AAAA



AA7575

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.



BF9889



75AAAA



BD96A8

Square

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



75AAAA



9B9FC0



C39597



A3A381

Rectangle

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



75AAAA



80A6BE



C39597



B89B83

Sweetspot

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



75AAAA



CADEDE



75AA75



647070



F0F0F0



707070

Same Dimension

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



75AAAA



8CDEDE



758FAA



4C5454



009494



001414

Inverse Universe

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



AA75AA



DE8CDE



AA8F75



544C54



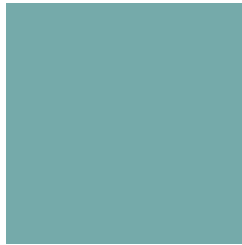
940094



140014

Previews

White Background



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

Color Contrast Check

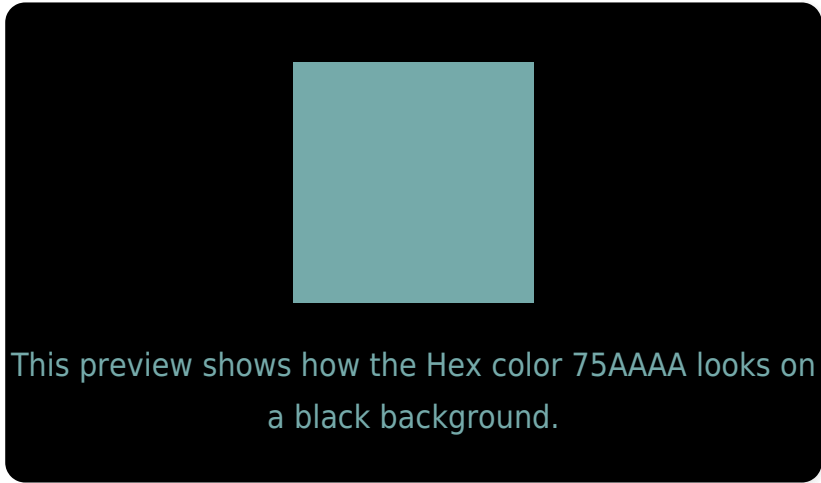
Large Text (above 18pt) WCAG AA × Fail

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

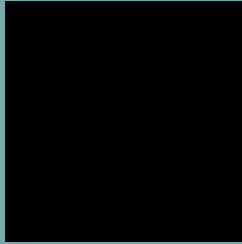
Any Text WCAG AA ✓ Pass

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 75AAAA Background



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

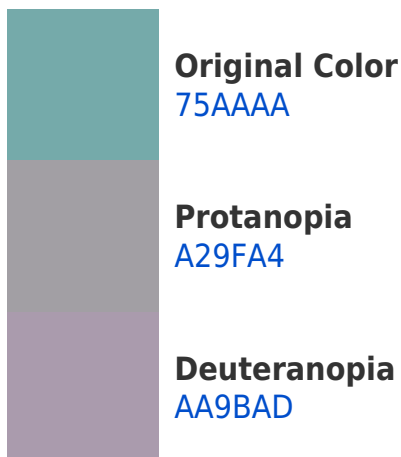


This preview shows how white text looks on a background with the Hex color 75AAAA.

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](#).

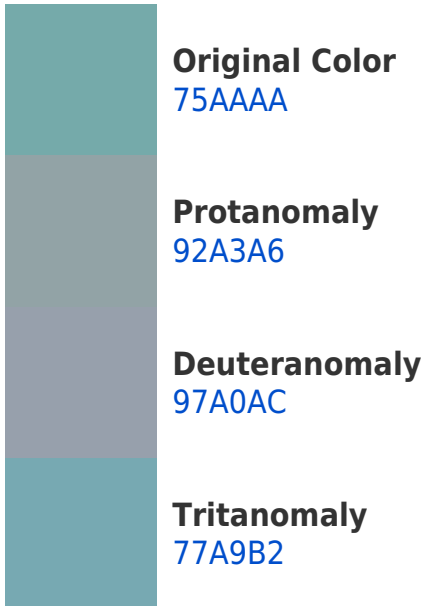
Dichromacy



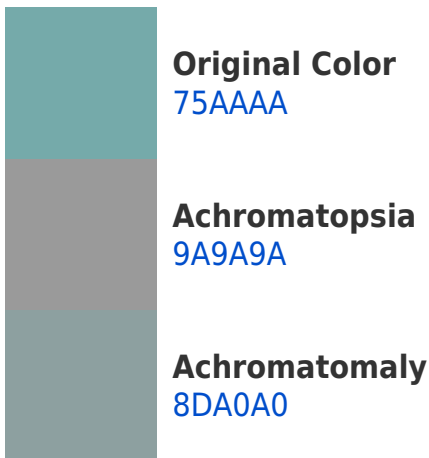


Tritanopia
78A8B6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #75AAAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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