

# Converting Colors

Hex(75A778)

Have a look what the booklet for  
Hex(75A778) contains.

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# **Color**

**Hex(75A778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A778
RGB	117, 167, 120
RGB Percent	46%, 65%, 47%
CMY	0.5412, 0.3451, 0.5294
CMYK	0.30, 0.00, 0.28, 0.35
HSL	124°, 22%, 56%
HSV	124°, 30%, 65%
XYZ	24.5450, 32.7754, 22.8019
YIQ	146.6920, -14.7130, -25.2170

# Conversions

## Conversions Part 2

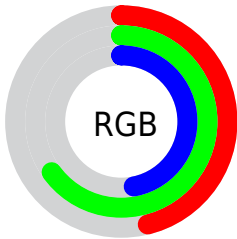
Format	Color
<a href="#">RYB</a>	<a href="#">117, 164, 167</a>
Decimal	<a href="#">7710584</a>
CIELab	<a href="#">63.98, -26.33, 19.13</a>
CIELCh	<a href="#">64, 32.545, 144.007</a>
Yxy	<a href="#">32.7754, 0.3063, 0.4091</a>
Android (android.graphics.Color)	<a href="#">4285900664</a> ( <a href="#">0xFF75A778</a> )
YUV	<a href="#">146.6920, -13.1592, -26.0399</a>
Hunter-Lab	<a href="#">57.2498, -23.6580, 16.4604</a>

# Details

The Hex color **75A778** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A775A4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AADEAD**, and **437347** is the 20% darker color. If you saturate the color by 10%, you get **64A768**, and if you desaturate by 10%, it is **86A788**.

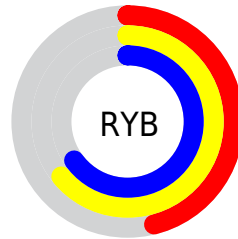
# Distribution



Red (46%)

Green (65%)

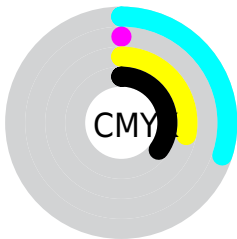
Blue (47%)



Red (46%)

Yellow (64%)

Blue (65%)

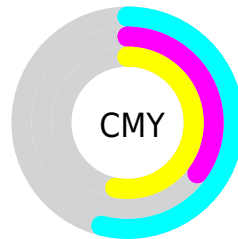


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A778 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 75A778 by changing the saturation by 10% instead.





75A778



75A778

FFFFFF



5B8C5F



AADEAD



437347



C6FBC8



2A5A30



E2FFE4



10421B



002B02



001600



000000



75A778



75A778



64A768



86A788

 54A759

 96A797

 43A749

 A7A7A7

 32A739

 B8A7B7

 21A72A

 C8A7C6

 11A71A

 D9A7D6

 00A70A

 EAA7E6

 FBA7F6

 FFA7FF

# Harmonies

## Analogous

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



97A065



75A778



51AA94

# Triad

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



75A778



69A0D4



D48685

# Complementary

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



75A778



A775A4

# 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.



CF85A2



75A778



9696D0

# Square

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



75A778



3DA7C9



BA8CBD



CA8D6D

# Rectangle

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



75A778



3AABA8



BA8CBD



D4858E



# Sweetspot

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



75A778



C5D9C6



A4A775



626E62



EDEDED



6E6E6E



# Same Dimension

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



75A778



8BD98F



75A790



4C544C



009409



001401



# Inverse Universe

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



A775A4



D98BD4



A7758B



544C54



94008B



140013



# Previews

## White Background



This preview shows how the Hex color 75A778 looks on a white background.

## Color Contrast Check

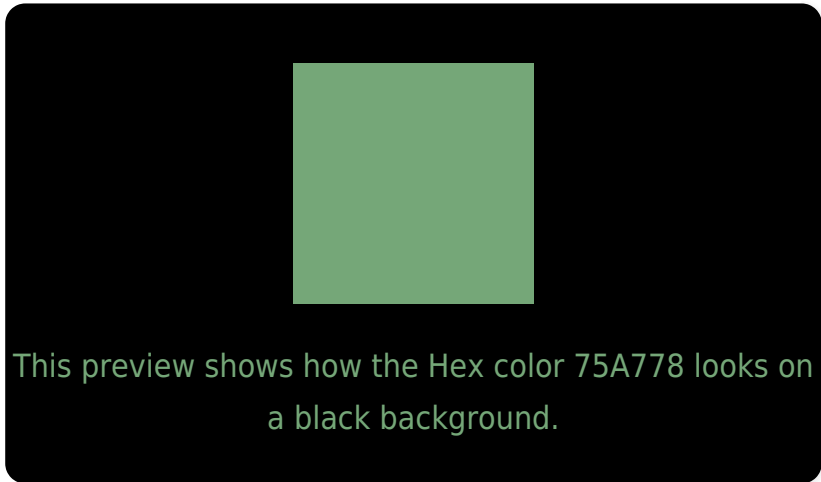
Large Text (above 18pt) WCAG AA × Fail

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 75A778 Background



This preview shows how black text looks on a background with the Hex color 75A778.

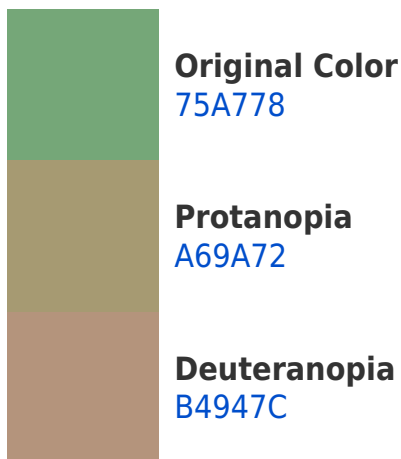


This preview shows how white text looks on a background with the Hex color 75A778.

# 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](#).

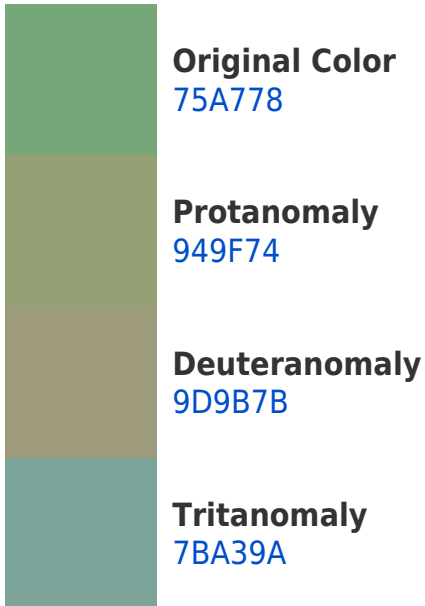
## Dichromacy



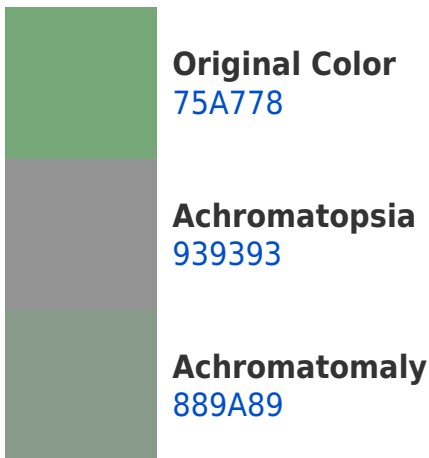


**Tritanopia**  
7FA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A778 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 #75A778 looks like.

```
.text, #text, p{  
    color:#75A778  
}
```

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 #75A778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A778
}
```

## Border

The CSS property to change the border of an element to Hex 75A778 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
#75A778 }
```

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

```
.border{ border-color:#75A778 }
```

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

Here you see how a box with a 4 pixel #75A778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A778; -webkit-box-shadow:4px 4px  
4px 4px #75A778; box-shadow:4px 4px 4px  
4px #75A778 }
```

# Background

The CSS property to change the background color of an element to Hex 75A778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A778 }
```

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

```
.background{ background-color:#75A778 }
```

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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