

Converting Colors

Hex(75AF7A)

Have a look what the booklet for
Hex(75AF7A) contains.

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Color

Hex(75AF7A)

Conversions

Conversions Part 1

Format	Color
Hex	75AF7A
RGB	117, 175, 122
RGB Percent	46%, 69%, 48%
CMY	0.5412, 0.3137, 0.5216
CMYK	0.33, 0.00, 0.30, 0.31
HSL	125°, 27%, 57%
HSV	125°, 33%, 69%
XYZ	26.1789, 35.8470, 23.9517
YIQ	151.6160, -17.5550, -28.7790

Conversions

Conversions Part 2

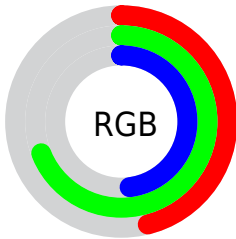
Format	Color
RYB	117, 170, 175
Decimal	7712634
CIELab	66.40, -29.87, 21.34
CIELCh	66, 36.708, 144.452
Yxy	35.8470, 0.3045, 0.4169
Android (android.graphics.Color)	4285902714 (0xFF75AF7A)
YUV	151.6160, -14.6007, -30.3582
Hunter-Lab	59.8724, -26.7282, 18.1919

Details

The Hex color **75AF7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF75AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ABE7AF**, and **427A49** is the 20% darker color. If you saturate the color by 10%, you get **63AF6A**, and if you desaturate by 10%, it is **87AF8A**.

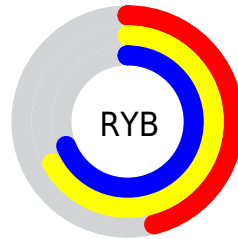
Distribution



Red (46%)

Green (69%)

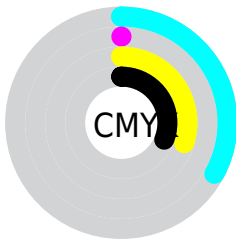
Blue (48%)



Red (46%)

Yellow (67%)

Blue (69%)

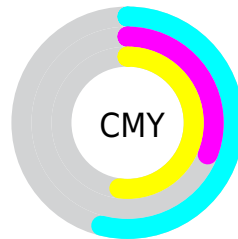


Cyan (33%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AF7A 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 75AF7A by changing the saturation by 10% instead.



75AF7A



75AF7A

FFFFFF



5B9461



ABE7AF



427A49



C7FFCA



286132



E3FFE6



0C491C



003204



001E00



000000



75AF7A



75AF7A



63AF6A



87AF8A

 52AF5A

 98AF9A

 41AF4A

 AAAFAA

 2FAF3A

 BBAFBA

 1EAF2A

 CDAFCA

 0CAF1A

 DEAFDA

 00AF0F

 FOAFEA

 FFAFFA

 FFAFFF

Harmonies

Analogous

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



9CA864



75AF7A



49B39A

Triad

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



75AF7A



66A7E3



E18988

Complementary

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



75AF7A



AF75AA

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.



DD88A9



75AF7A



9C9BDD

Square

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



75AF7A



28AFD6



C58FC8



D5926D

Rectangle

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



75AF7A



25B3B1



C58FC8



E28893

Sweetspot

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



75AF7A



CCE3CE



AAAF75



657366



F2F2F2



737373

Same Dimension

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



75AF7A



88E390



75AF97



4E574F



00960D



001702

Inverse Universe

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



AF75AA



E388DB



AF758D



574E56



960089



170015

Previews

White Background



This preview shows how the Hex color 75AF7A looks on a white background.

Color Contrast Check

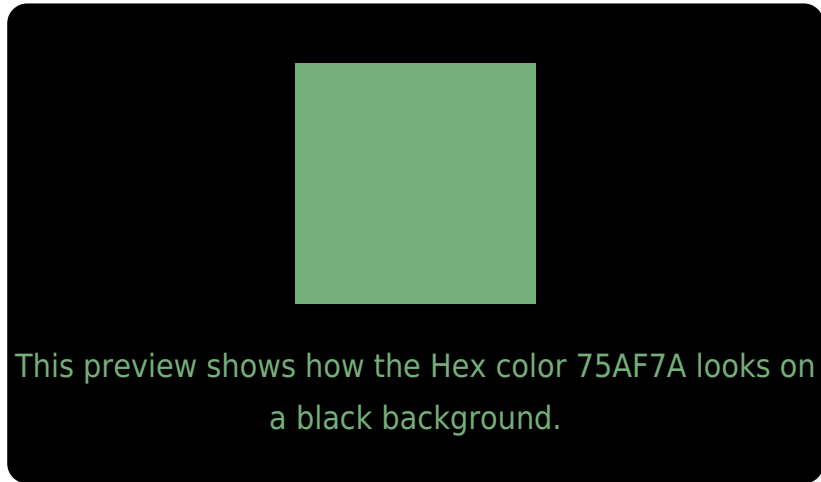
Large Text (above 18pt) WCAG AA × Fail

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

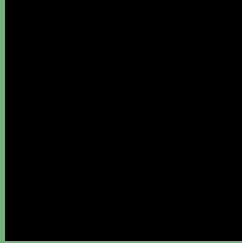
Any Text WCAG AA ✓ Pass

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 75AF7A Background



This preview shows how black text looks on a background with the Hex color 75AF7A.

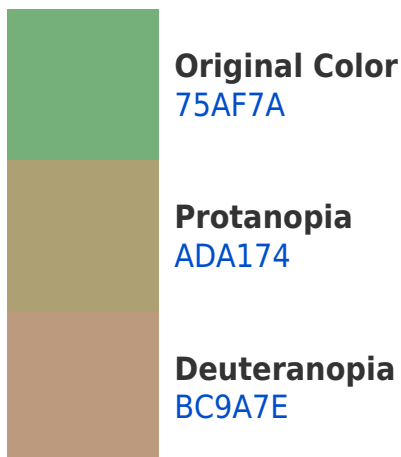


This preview shows how white text looks on a background with the Hex color 75AF7A.

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](#).

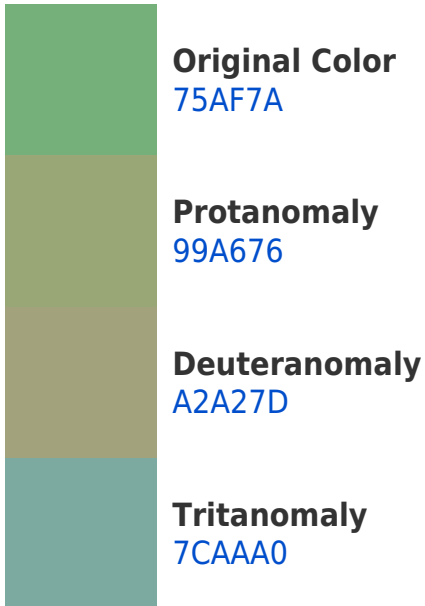
Dichromacy



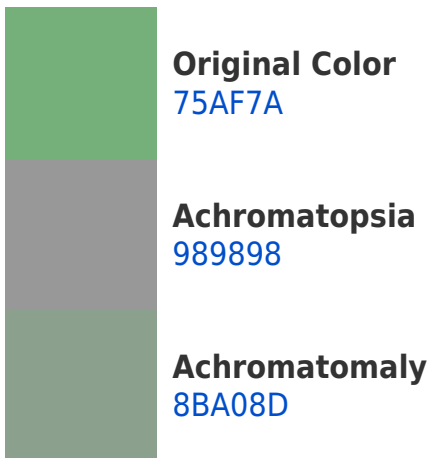


Tritanopia
80A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AF7A 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 #75AF7A looks like.

```
.text, #text, p{  
    color:#75AF7A  
}
```

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 #75AF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AF7A
}
```

Border

The CSS property to change the border of an element to Hex 75AF7A 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
#75AF7A }
```

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

```
.border{ border-color:#75AF7A }
```

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

Here you see how a box with a 4 pixel #75AF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AF7A; -webkit-box-shadow:4px 4px  
4px 4px #75AF7A; box-shadow:4px 4px 4px  
4px #75AF7A }
```

Background

The CSS property to change the background color of an element to Hex 75AF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AF7A }
```

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

```
.background{ background-color:#75AF7A }
```

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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