

Converting Colors

Hex(75A783)

Have a look what the booklet for
Hex(75A783) contains.

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Color

Hex(75A783)

Conversions

Conversions Part 1

Format	Color
Hex	75A783
RGB	117, 167, 131
RGB Percent	46%, 65%, 51%
CMY	0.5412, 0.3451, 0.4863
CMYK	0.30, 0.00, 0.22, 0.35
HSL	137°, 22%, 56%
HSV	137°, 30%, 65%
XYZ	25.2516, 33.0580, 26.5227
YIQ	147.9460, -18.2440, -21.7960

Conversions

Conversions Part 2

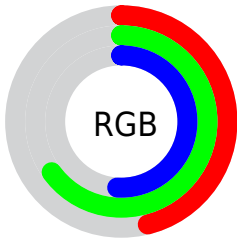
Format	Color
RYB	117, 156, 167
Decimal	7710595
CIELab	64.21, -24.29, 13.38
CIElCh	64, 27.736, 151.149
Yxy	33.0580, 0.2977, 0.3897
Android (android.graphics.Color)	4285900675 (0xFF75A783)
YUV	147.9460, -8.3544, -27.1396
Hunter-Lab	57.4961, -22.2233, 12.8971

Details

The Hex color **75A783** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A77599**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AADEB8**, and **437352** is the 20% darker color. If you saturate the color by 10%, you get **64A777**, and if you desaturate by 10%, it is **86A78F**.

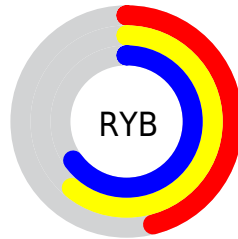
Distribution



Red (46%)

Green (65%)

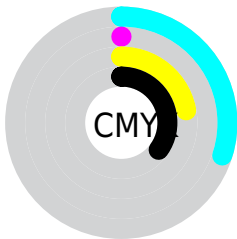
Blue (51%)



Red (46%)

Yellow (61%)

Blue (65%)

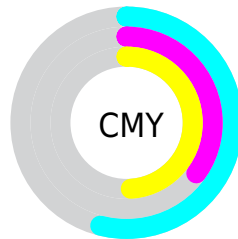


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A783 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 75A783 by changing the saturation by 10% instead.

 75A783

 75A783

FFFFFF

 5B8C6A

 AADEB8

 437352

 C6FBD4

 2A5A3A

 E2FFF0

 114225

 002C10

 001700

 000000

 75A783

 75A783

 64A777

 86A78F

 54A76B

 96A79B

 43A75F

 A7A7A7

 32A753

 B8A7B3

 21A747

 C8A7BF

 11A73B

 D9A7CB

 00A72F

 EAA7D7

 FBA7E3

 FFA7EF

Harmonies

Analogous

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



92A271



75A783



5AA99C

Triad

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



75A783



7D9ECD



CC8B83

Complementary

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



75A783



A77599

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.



CB899C



75A783



A095C6

Square

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



75A783



5BA5C6



BC8DB4



C19271

Rectangle

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



75A783



4EA9AD



BC8DB4



CD8A8B

Sweetspot

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



75A783



C5D9CB



9AA775



626E65



EDEDED



6E6E6E

Same Dimension

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



75A783



8BD9A1



75A79B



4C544E



009429



001406

Inverse Universe

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



A77599



D98BC3



A77581



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 75A783 looks on a white background.

Color Contrast Check

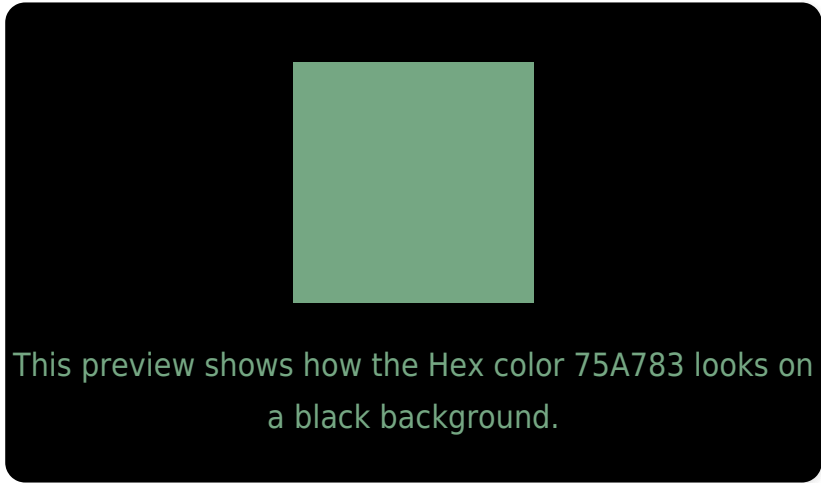
Large Text (above 18pt) WCAG AA × Fail

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

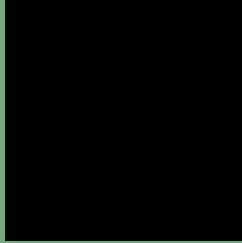
Any Text WCAG AA ✓ Pass

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 75A783 Background



This preview shows how black text looks on a background with the Hex color 75A783.



This preview shows how white text looks on a background with the Hex color 75A783.

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
7DA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75A783 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 #75A783 looks like.

```
.text, #text, p{  
    color:#75A783  
}
```

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 #75A783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A783
}
```

Border

The CSS property to change the border of an element to Hex 75A783 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
#75A783 }
```

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

```
.border{ border-color:#75A783 }
```

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

Here you see how a box with a 4 pixel #75A783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A783; -webkit-box-shadow:4px 4px  
4px 4px #75A783; box-shadow:4px 4px 4px  
4px #75A783 }
```

Background

The CSS property to change the background color of an element to Hex 75A783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A783 }
```

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

```
.background{ background-color:#75A783 }
```

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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