

# Converting Colors

Hex(75B783)

Have a look what the booklet for  
Hex(75B783) contains.

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# **Color**

**Hex(75B783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B783
RGB	117, 183, 131
RGB Percent	46%, 72%, 51%
CMY	0.5412, 0.2824, 0.4863
CMYK	0.36, 0.00, 0.28, 0.28
HSL	133°, 31%, 59%
HSV	133°, 36%, 72%
XYZ	28.3663, 39.2876, 27.5609
YIQ	157.3380, -22.6440, -30.1640

# Conversions

## Conversions Part 2

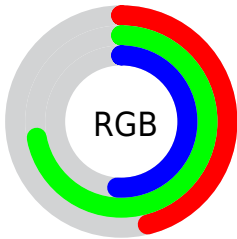
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 171, 183
Decimal	7714691
CIELab	68.96, -32.07, 19.97
CIElCh	69, 37.774, 148.091
Yxy	39.2876, 0.2979, 0.4126
Android (android.graphics.Color)	4285904771 (0xFF75B783)
YUV	157.3380, -12.9846, -35.3764
Hunter-Lab	62.6798, -28.9078, 17.8055

# Details

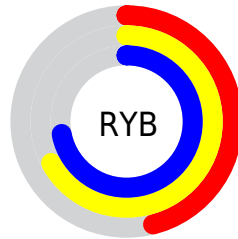
The Hex color **75B783** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B775A9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ABEFB8**, and **418251** is the 20% darker color. If you saturate the color by 10%, you get **63B775**, and if you desaturate by 10%, it is **87B791**.

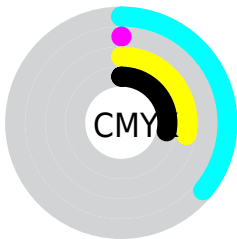
# Distribution



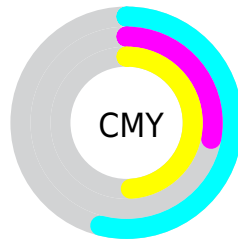
- Red (46%)
- Green (72%)
- Blue (51%)



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



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



- Cyan (54%)
- Magenta (28%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B783 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 75B783 by changing the saturation by 10% instead.



 75B783

 75B783

FFFFFF

 5B9C6A

 ABEFB8

 418251

 C7FFD4

 27683A

 E4FFF0

 064F24

 00380E

 002300

 000000

 75B783

 75B783

 63B775

 87B791

 50B766

 9AB7A0

 3EB758

 ACB7AE

 2CB749

 BEB7BD

 1AB73B

 D1B7CB

 07B72C

 E3B7DA

 00B727

 F5B7E8

 FFB7F6

 FFB7FF

# Harmonies

## Analogous

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



9EB06B



75B783



46BAA5

# Triad

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



75B783



72ACEC



EA908A

# Complementary

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



75B783



B775A9

# 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.



E78EAC



75B783



A9A0E5

# Square

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



75B783



33B5E1



D194CD



DC9A6F

# Rectangle

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



75B783



21BABC



D194CD



EB8E95



# Sweetspot

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



75B783



D3EDD9



AAB775



68786C



F7F7F7



787878



# Same Dimension

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



75B783



87ED9D



75B7A3



535C55



009C21



001C06



# Inverse Universe

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



B775A9



ED87D8



B77589



5C535A



9C007B



1C0016



# Previews

## White Background



This preview shows how the Hex color 75B783 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



This preview shows how the Hex color 75B783 looks on a 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 75B783 Background



This preview shows how black text looks on a background with the Hex color 75B783.



This preview shows how white text looks on a background with the Hex color 75B783.

# 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](#).

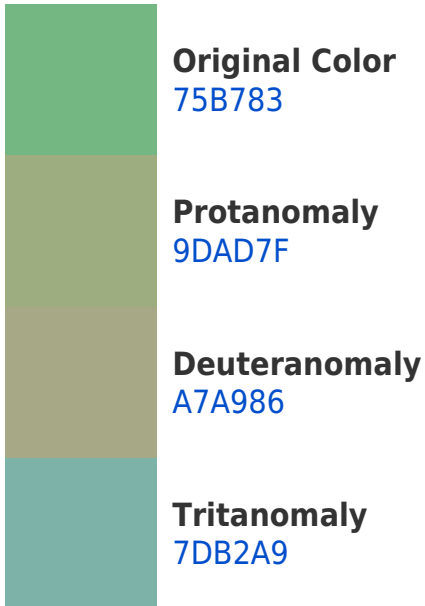
## Dichromacy



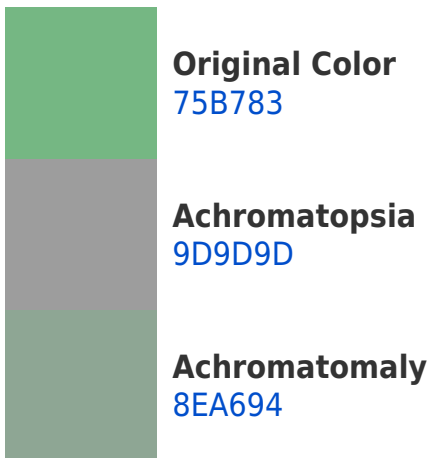


**Tritanopia**  
81AFBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B783 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 #75B783 looks like.

```
.text, #text, p{  
    color:#75B783  
}
```

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 #75B783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B783
}
```

## Border

The CSS property to change the border of an element to Hex 75B783 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
#75B783 }
```

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

```
.border{ border-color:#75B783 }
```

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

Here you see how a box with a 4 pixel #75B783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B783; -webkit-box-shadow:4px 4px  
4px 4px #75B783; box-shadow:4px 4px 4px  
4px #75B783 }
```

# Background

The CSS property to change the background color of an element to Hex 75B783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B783 }
```

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

```
.background{ background-color:#75B783 }
```

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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