

# Converting Colors

Hex(75B884)

Have a look what the booklet for  
Hex(75B884) contains.

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# **Color**

**Hex(75B884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B884
RGB	117, 184, 132
RGB Percent	46%, 72%, 52%
CMY	0.5412, 0.2784, 0.4824
CMYK	0.36, 0.00, 0.28, 0.28
HSL	133°, 32%, 59%
HSV	133°, 36%, 72%
XYZ	28.6415, 39.7288, 27.9887
YIQ	158.0390, -23.2400, -30.3760

# Conversions

## Conversions Part 2

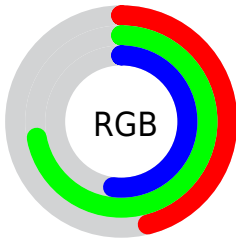
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 172, 184</a>
Decimal	<a href="#">7714948</a>
CIELab	<a href="#">69.28, -32.35, 19.86</a>
CIElCh	<a href="#">69, 37.965, 148.455</a>
Yxy	<a href="#">39.7288, 0.2972, 0.4123</a>
Android (android.graphics.Color)	<a href="#">4285905028 (0xFF75B884)</a>
YUV	<a href="#">158.0390, -12.8372, -35.9912</a>
Hunter-Lab	<a href="#">63.0308, -29.1928, 17.7940</a>

# Details

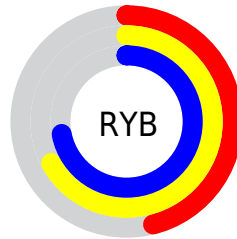
The Hex color **75B884** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B875A9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ABF0B9**, and **418252** is the 20% darker color. If you saturate the color by 10%, you get **63B876**, and if you desaturate by 10%, it is **87B892**.

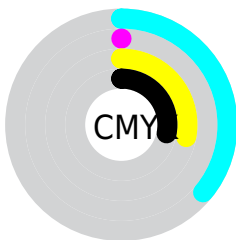
# Distribution



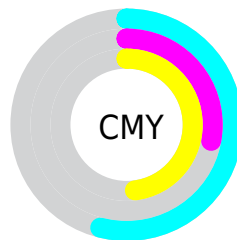
- Red (46%)
- Green (72%)
- Blue (52%)



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



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



- Cyan (54%)
- Magenta (28%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B884 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 75B884 by changing the saturation by 10% instead.





75B884



75B884

FFFFFF



5B9D6B



ABF0B9



418252



C7FFD5



26693B



E4FFF2



055024



00390F



002400



000000



75B884



75B884



63B876



87B892

 50B867

 9AB8A1

 3EB859

 ACB8AF

 2BB84B

 BFB8BD

 19B83D

 D1B8CB

 07B82E

 E3B8DA

 00B829

 F6B8E8

 FFB8F6

 FFB8FF

# Harmonies

## Analogous

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



9EB16B



75B884



46BBA6

# Triad

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



75B884



74ADED



EB918A

# Complementary

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



75B884



B875A9

# 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.



E98EAC



75B884



AAA1E6

# Square

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



75B884



33B6E3



D395CE



DD9A70

# Rectangle

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



75B884



20BBBE



D395CE



EC8F95

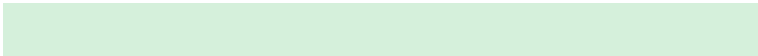


# Sweetspot

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



75B884



D5F0DB



A9B875



68786C



F7F7F7



787878



# Same Dimension

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



75B884



86F09E



75B8A5



535C55



009C23



001C06



# Inverse Universe

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



B875A9



F086D8



B87588



5C535A



9C0079



1C0016



# Previews

## White Background



This preview shows how the Hex color 75B884 looks on a white background.

## Color Contrast Check

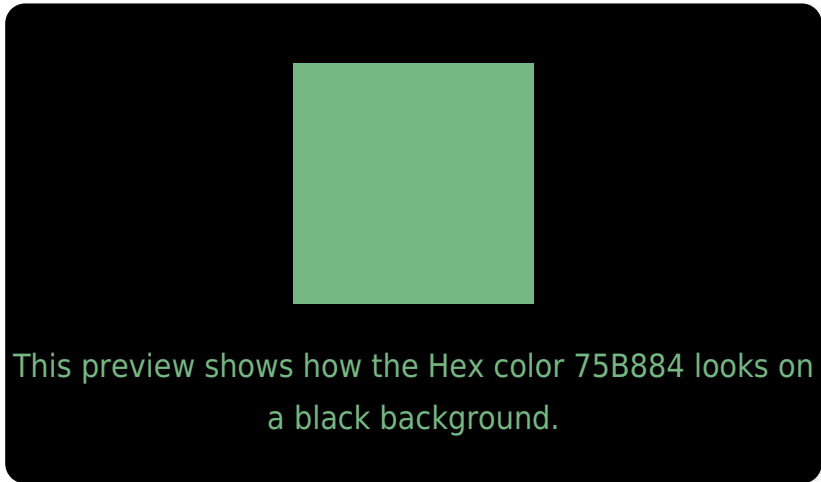
Large Text (above 18pt) WCAG AA × Fail

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

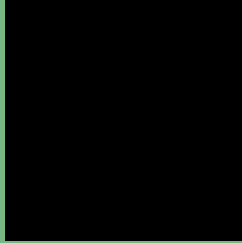
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75B884 Background



This preview shows how black text looks on a background with the Hex color 75B884.

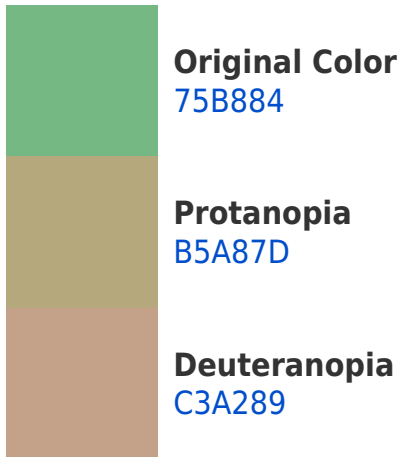


This preview shows how white text looks on a background with the Hex color 75B884.

# 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](#).

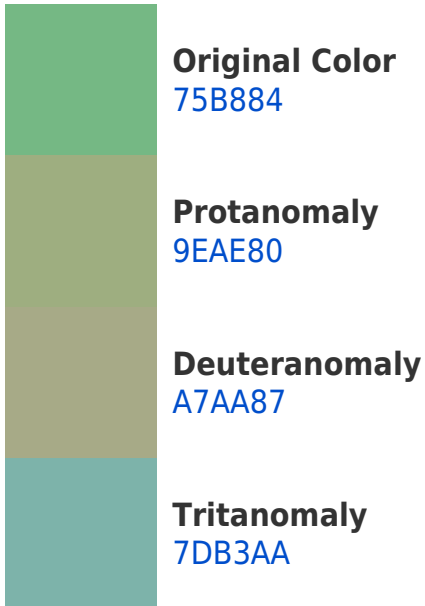
## Dichromacy





**Tritanopia**  
81B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B884 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 #75B884 looks like.

```
.text, #text, p{  
    color:#75B884  
}
```

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 #75B884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B884
}
```

## Border

The CSS property to change the border of an element to Hex 75B884 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
#75B884 }
```

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

```
.border{ border-color:#75B884 }
```

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

Here you see how a box with a 4 pixel #75B884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B884; -webkit-box-shadow:4px 4px  
4px 4px #75B884; box-shadow:4px 4px 4px  
4px #75B884 }
```

# Background

The CSS property to change the background color of an element to Hex 75B884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B884 }
```

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

```
.background{ background-color:#75B884 }
```

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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