

Converting Colors

Hex(75B197)

Have a look what the booklet for
Hex(75B197) contains.

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Color

Hex(75B197)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75B197 |
| RGB | 117, 177, 151 |
| RGB Percent | 46%, 69%, 59% |
| CMY | 0.5412, 0.3059, 0.4078 |
| CMYK | 0.34, 0.00, 0.15, 0.31 |
| HSL | 154°, 28%, 58% |
| HSV | 154°, 34%, 69% |
| XYZ | 28.6442, 37.4606, 34.9991 |
| YIQ | 156.0960, -27.4140, -20.8060 |

Conversions

Conversions Part 2

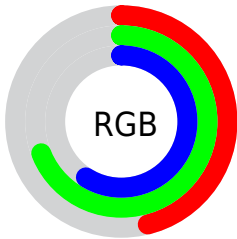
| Format | Color |
|-------------------------------------|---|
| RYB | 117, 155, 177 |
| Decimal | 7713175 |
| CIELab | 67.62, -25.21, 7.17 |
| CIELCh | 68, 26.211, 164.121 |
| Yxy | 37.4606, 0.2833, 0.3705 |
| Android (android.graphics.Color) | 4285903255 (0xFF75B197) |
| YUV | 156.0960, -2.5123, -34.2872 |
| Hunter-Lab | 61.2050, -23.5702, 8.9395 |

Details

The Hex color **75B197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B1758F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ABE9CD**, and **427C64** is the 20% darker color. If you saturate the color by 10%, you get **63B18F**, and if you desaturate by 10%, it is **87B19F**.

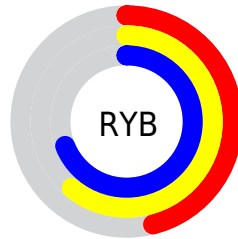
Distribution



Red (46%)

Green (69%)

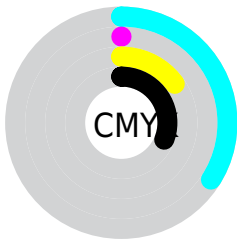
Blue (59%)



Red (46%)

Yellow (61%)

Blue (69%)

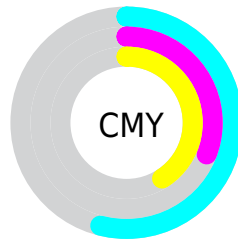


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B197 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 75B197 by changing the saturation by 10% instead.



75B197



75B197

FFFFFF



5B967D



ABE9CD



427C64



C7FFE9



28634C



E3FFFF



0B4B36



003420



002009



000000



75B197



75B197



63B18F



87B19F

■ 52B188

■ 98B1A6

■ 40B180

■ AAB1AE

■ 2EB178

■ BCB1B6

■ 1DB171

■ CEB1BD

■ 0BB169

■ DFB1C5

■ 00B164

■ F1B1CD

■ FFB1D4

■ FFB1DC

Harmonies

Analogous

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



90AD82



75B197



61B2AF

Triad

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



75B197



97A3D2



D09885

Complementary

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



75B197



B1758F

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.



D5949A



75B197



B69BC7

Square

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



75B197



76ABD2



CC95B2



C19F78

Rectangle

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



75B197



5DB1BE



CC95B2



D3968B

Sweetspot

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



75B197



CFE6DC



8FB175



65736D



F2F2F2



737373

Same Dimension

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



75B197



87E6BD



75ADB1



505955



009957



001A0E

Inverse Universe

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



B1758F



E687B0



B17975



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color 75B197 looks on a white background.

Color Contrast Check

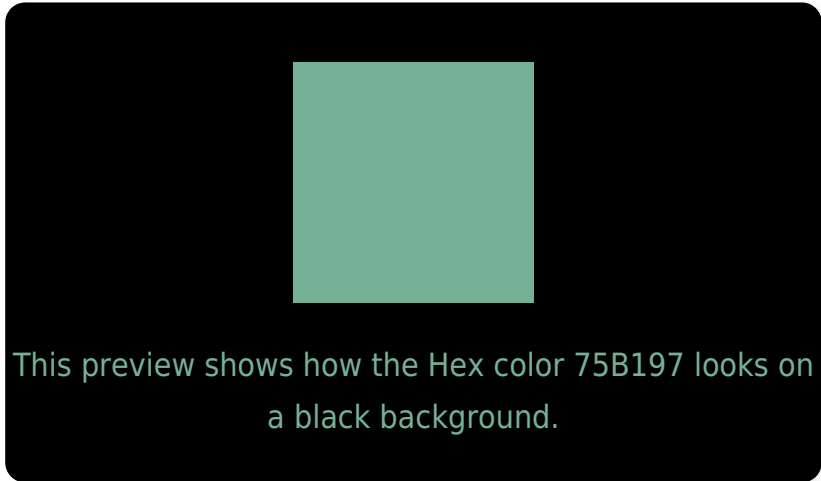
Large Text (above 18pt) WCAG AA × Fail

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

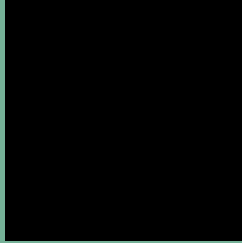
Any Text WCAG AA ✓ Pass

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 75B197 Background



This preview shows how black text looks on a background with the Hex color 75B197.

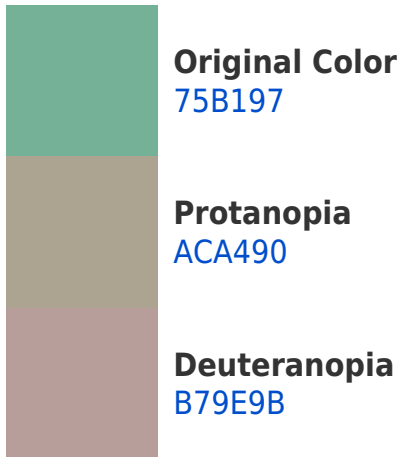


This preview shows how white text looks on a background with the Hex color 75B197.

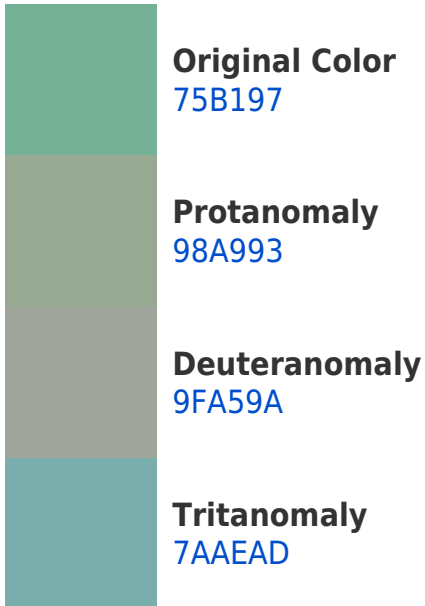
Color Blindness Simulation

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](#).

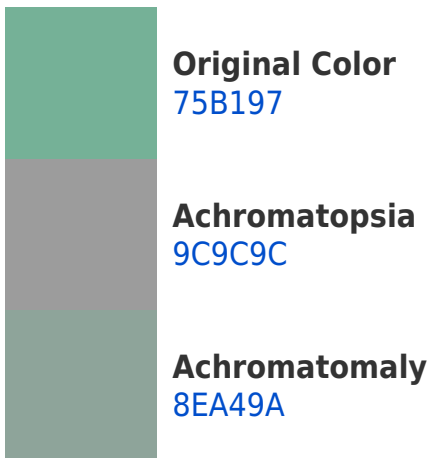
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B197 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 #75B197 looks like.

```
.text, #text, p{  
    color:#75B197  
}
```

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 #75B197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B197
}
```

Border

The CSS property to change the border of an element to Hex 75B197 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
#75B197 }
```

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

```
.border{ border-color:#75B197 }
```

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

Here you see how a box with a 4 pixel #75B197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B197; -webkit-box-shadow:4px 4px  
4px 4px #75B197; box-shadow:4px 4px 4px  
4px #75B197 }
```

Background

The CSS property to change the background color of an element to Hex 75B197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B197 }
```

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

```
.background{ background-color:#75B197 }
```

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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