

Converting Colors

Hex(75BC7C)

Have a look what the booklet for
Hex(75BC7C) contains.

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Color

Hex(75BC7C)

Conversions

Conversions Part 1

Format	Color
Hex	75BC7C
RGB	117, 188, 124
RGB Percent	46%, 74%, 49%
CMY	0.5412, 0.2627, 0.5137
CMYK	0.38, 0.00, 0.34, 0.26
HSL	126°, 35%, 60%
HSV	126°, 38%, 74%
XYZ	28.9574, 41.2036, 25.4957
YIQ	159.4750, -21.7720, -34.9560

Conversions

Conversions Part 2

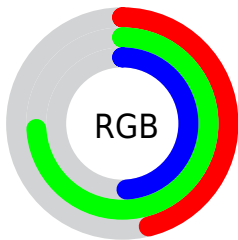
Format	Color
RYB	117, 182, 188
Decimal	7715964
CIELab	70.32, -35.62, 25.55
CIELCh	70, 43.837, 144.345
Yxy	41.2036, 0.3027, 0.4307
Android (android.graphics.Color)	4285906044 (0xFF75BC7C)
YUV	159.4750, -17.4892, -37.2506
Hunter-Lab	64.1900, -31.8075, 21.3836

Details

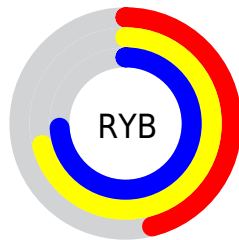
The Hex color **75BC7C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC75B5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ACF5B1**, and **40864A** is the 20% darker color. If you saturate the color by 10%, you get **62BC6B**, and if you desaturate by 10%, it is **88BC8D**.

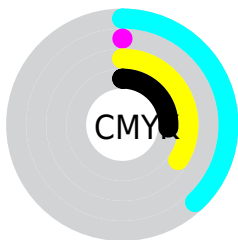
Distribution



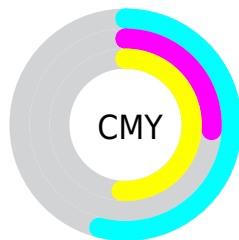
- Red (46%)
- Green (74%)
- Blue (49%)



- Red (46%)
- Yellow (71%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BC7C 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 75BC7C by changing the saturation by 10% instead.

 75BC7C

 75BC7C

FFFFFF

 5AA163

 ACF5B1

 40864A

 C8FFCD

 256C33

 E4FFE9

 00541C

 003C05

 002600

 000200

 000000

 75BC7C

 75BC7C

 62BC6B

 88BC8D

 4FBC5A

 9BBC9E

 3DBC49

 ADBCAF

 2ABC38

 C0BCC0

 17BC27

 D3BCD1

 04BC16

 E6BCE2

 00BC13

 F9BCF3

 FFBCFF

Harmonies

Analogous

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



A4B361



75BC7C



34C0A3

Triad

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



75BC7C



5DB2FB



F88E8D

Complementary

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



75BC7C



BC75B5

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.



F38CB5



75BC7C



A4A4F4

Square

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



75BC7C



00BCEC



D796DB



E9996C

Rectangle

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



75BC7C



00C1BE



D796DB



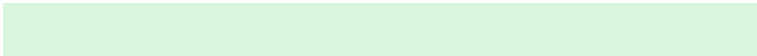
F98C9A

Sweetspot

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



75BC7C



DAF5DD



B6BC75



6A7A6C



FAFAFA



7A7A7A

Same Dimension

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



75BC7C



87F592



75BC9E



555E56



009E10



001F03

Inverse Universe

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



BC75B5



F587EA



BC7593



5E555D



9E008F



1F001C

Previews

White Background



This preview shows how the Hex color 75BC7C looks on a white background.

Color Contrast Check

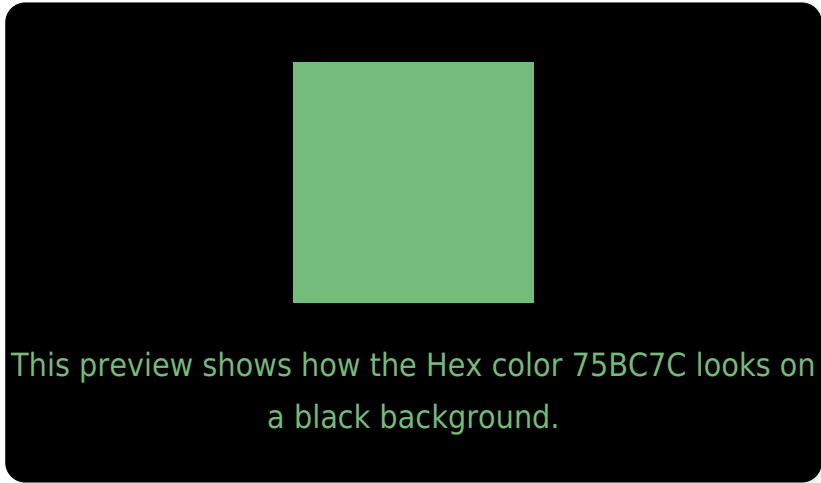
Large Text (above 18pt) WCAG AA × Fail

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 75BC7C Background



This preview shows how black text looks on a background with the Hex color 75BC7C.

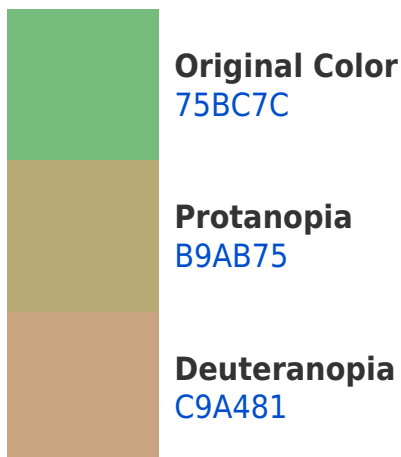


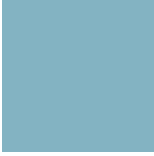
This preview shows how white text looks on a background with the Hex color 75BC7C.

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
83B3C2

Trichromacy



Original Color
75BC7C



Protanomaly
A0B178



Deuteranomaly
A0AD7F



Tritanomaly
7EB6A9

Monochromacy



Original Color
75BC7C



Achromatopsia
9F9F9F



Achromatomaly
90AA92

CSS Examples

Text

The CSS property to change the color of the text to Hex 75BC7C 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 #75BC7C looks like.

```
.text, #text, p{  
    color:#75BC7C  
}
```

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 #75BC7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BC7C } }
```

Border

The CSS property to change the border of an element to Hex 75BC7C 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 #75BC7C } }
```

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

```
.border{ border-color:#75BC7C }
```

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

Here you see how a box with a 4 pixel #75BC7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BC7C; -webkit-box-shadow:4px 4px  
4px 4px #75BC7C; box-shadow:4px 4px 4px  
4px #75BC7C }
```

Background

The CSS property to change the background color of an element to Hex 75BC7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BC7C }
```

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

```
.background{ background-color:#75BC7C }
```

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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