

Converting Colors

Hex(74BE7B)

Have a look what the booklet for
Hex(74BE7B) contains.

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Color

Hex(74BE7B)

Conversions

Conversions Part 1

Format	Color
Hex	74BE7B
RGB	116, 190, 123
RGB Percent	45%, 75%, 48%
CMY	0.5451, 0.2549, 0.5176
CMYK	0.39, 0.00, 0.35, 0.25
HSL	126°, 36%, 60%
HSV	126°, 39%, 75%
XYZ	29.1911, 41.9700, 25.3014
YIQ	160.2360, -22.5970, -36.5250

Conversions

Conversions Part 2

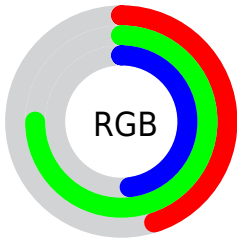
Format	Color
RYB	116, 184, 190
Decimal	7650939
CIELab	70.85, -37.01, 26.78
CIElCh	71, 45.684, 144.107
Yxy	41.9700, 0.3026, 0.4351
Android (android.graphics.Color)	4285841019 (0xFF74BE7B)
YUV	160.2360, -18.3573, -38.7950
Hunter-Lab	64.7842, -32.9423, 22.1934

Details

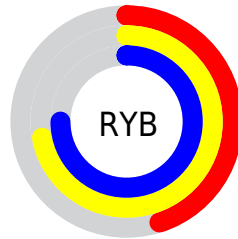
The Hex color **74BE7B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE74B7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ABF7B0**, and **3F8849** is the 20% darker color. If you saturate the color by 10%, you get **61BE6A**, and if you desaturate by 10%, it is **87BE8C**.

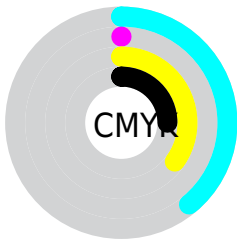
Distribution



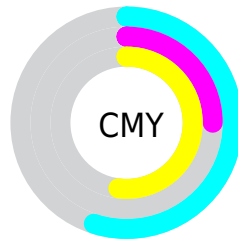
- Red (45%)
- Green (75%)
- Blue (48%)



- Red (45%)
- Yellow (72%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BE7B 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 74BE7B by changing the saturation by 10% instead.

 74BE7B

 74BE7B

FFFFFF

 59A362

 ABF7B0

 3F8849

 C7FFCC

 226E32

 E4FFE8

 00551B

 003D03

 002800

 000600

 000000

 74BE7B

 74BE7B

 61BE6A

 87BE8C

 4EBE59

 9ABE9D

 3BBE47

 ADBEAF

 28BE36

 C0BEC0

 15BE25

 D3BED1

 02BE14

 E6BEE2

 00BE12

 F9BEF3

 FFBEFF

Harmonies

Analogous

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



A5B55F



74BE7B



2BC2A3

Triad

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



74BE7B



57B4FF



FC8E8E

Complementary

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



74BE7B



BE74B7

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.



F78CB7



74BE7B



A5A6F9

Square

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



74BE7B



00BEF0



D996DF



ED996B

Rectangle

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



74BE7B



00C3C0



D996DF



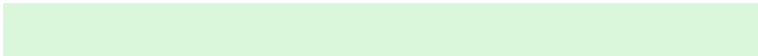
FD8C9B

Sweetspot

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



74BE7B



DAF7DC



B8BE74



6B7D6D



FCFCFC



7D7D7D

Same Dimension

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



74BE7B



83F78E



74BE9F



555E56



009E0F



001F03

Inverse Universe

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



BE74B7



F783EC



BE7493



5E555D



9E008F



1F001C

Previews

White Background



This preview shows how the Hex color 74BE7B looks on a white background.

Color Contrast Check

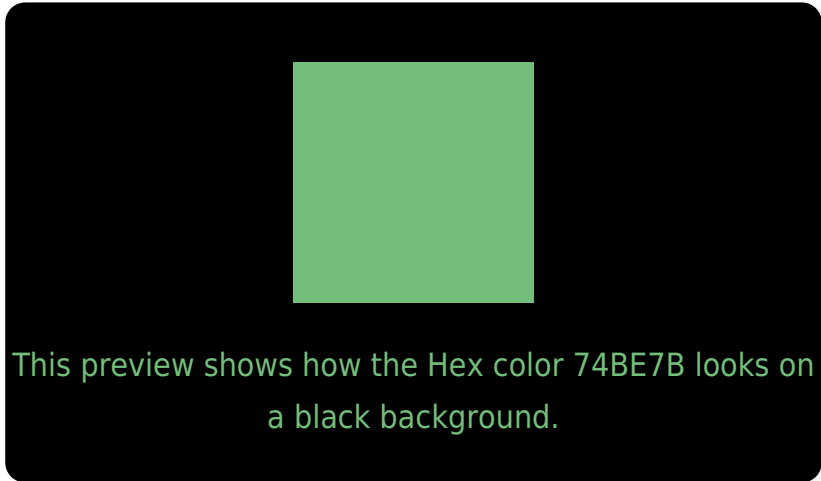
Large Text (above 18pt) WCAG AA × Fail

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

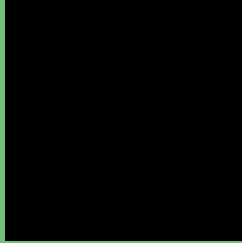
Any Text WCAG AA ✓ Pass

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 74BE7B Background



This preview shows how black text looks on a background with the Hex color 74BE7B.

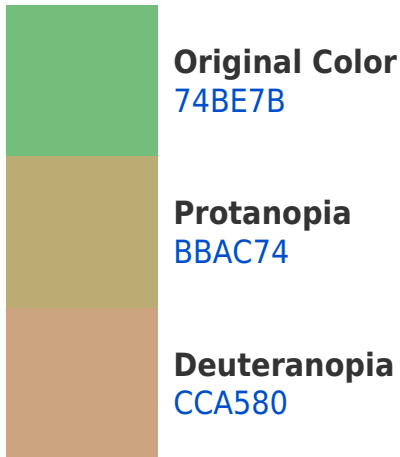


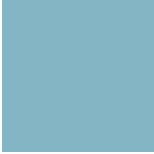
This preview shows how white text looks on a background with the Hex color 74BE7B.

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
83B5C4

Trichromacy



Original Color

74BE7B



Protanomaly

A1B377



Deuteranomaly

ACAE7E



Tritanomaly

7EB8A9

Monochromacy



Original Color

74BE7B



Achromatopsia

A0A0A0



Achromatomaly

90AB93

CSS Examples

Text

The CSS property to change the color of the text to Hex 74BE7B 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 #74BE7B looks like.

```
.text, #text, p{  
    color:#74BE7B  
}
```

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 #74BE7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BE7B
}
```

Border

The CSS property to change the border of an element to Hex 74BE7B 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
#74BE7B }
```

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

```
.border{ border-color:#74BE7B }
```

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

Here you see how a box with a 4 pixel #74BE7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BE7B; -webkit-box-shadow:4px 4px  
4px 4px #74BE7B; box-shadow:4px 4px 4px  
4px #74BE7B }
```

Background

The CSS property to change the background color of an element to Hex 74BE7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BE7B }
```

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

```
.background{ background-color:#74BE7B }
```

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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