

Converting Colors

Hex(7CB768)

Have a look what the booklet for
Hex(7CB768) contains.

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Color

Hex(7CB768)

Conversions

Conversions Part 1

Format	Color
Hex	7CB768
RGB	124, 183, 104
RGB Percent	49%, 72%, 41%
CMY	0.5137, 0.2824, 0.5922
CMYK	0.32, 0.00, 0.43, 0.28
HSL	105°, 35%, 56%
HSV	105°, 43%, 72%
XYZ	27.7444, 39.1515, 19.1914
YIQ	156.3530, -9.8050, -37.0770

Conversions

Conversions Part 2

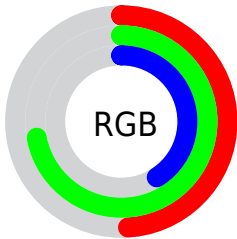
Format	Color
RYB	104, 183, 163
Decimal	8173416
CIELab	68.86, -34.10, 34.18
CIELCh	69, 48.280, 134.939
Yxy	39.1515, 0.3223, 0.4548
Android (android.graphics.Color)	4286363496 (0xFF7CB768)
YUV	156.3530, -25.8100, -28.3736
Hunter-Lab	62.5712, -30.3518, 25.6148

Details

The Hex color **7CB768** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A368B7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B3EF9C**, and **488237** is the 20% darker color. If you saturate the color by 10%, you get **6EB756**, and if you desaturate by 10%, it is **8AB77A**.

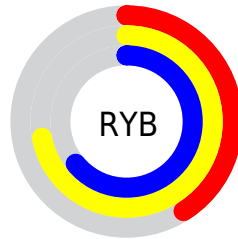
Distribution



Red (49%)

Green (72%)

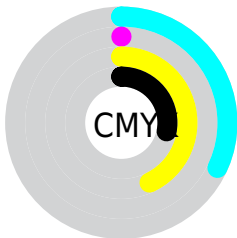
Blue (41%)



Red (41%)

Yellow (72%)

Blue (64%)

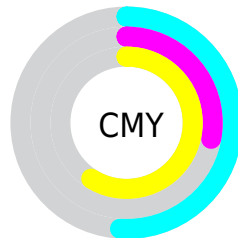


Cyan (32%)

Magenta (0%)

Yellow (43%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CB768 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 7CB768 by changing the saturation by 10% instead.

 7CB768

 7CB768

FFFFFF

 629C4F

 B3EF9C

 488237

 CFFFB7

 2D681F

 ECFFD3

 104F05

 FFFFF0

 003800

 002400

 000000

 7CB768

 7CB768

 6EB756

 8AB77A

 61B743

 97B78D

 53B731

 A5B79F

 45B71F

 B3B7B1

 38B70C

 C0B7C3

 2EB700

 CEB7D6

 DCB7E8

 E9B7FA

 F7B7FF

Harmonies

Analogous

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



ADAC50



7CB768



36BD90

Triad

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



7CB768



00B3FC



FB8494

Complementary

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



7CB768



A368B7

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.



EE86C0



7CB768



87A5FC

Square

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



7CB768



00BBE5



C894E6



F18E6C

Rectangle

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



7CB768



00BEAE



C894E6



F983A2

Sweetspot

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



7CB768



D6EDCE



B7A268



6A7865



F7F7F7



787878

Same Dimension

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



7CB768



91ED72



68B77A



555C53



279C00



071C00

Inverse Universe

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



A368B7



CE72ED



B768A5



59535C



74009C



15001C

Previews

White Background



This preview shows how the Hex color 7CB768 looks on a white background.

Color Contrast Check

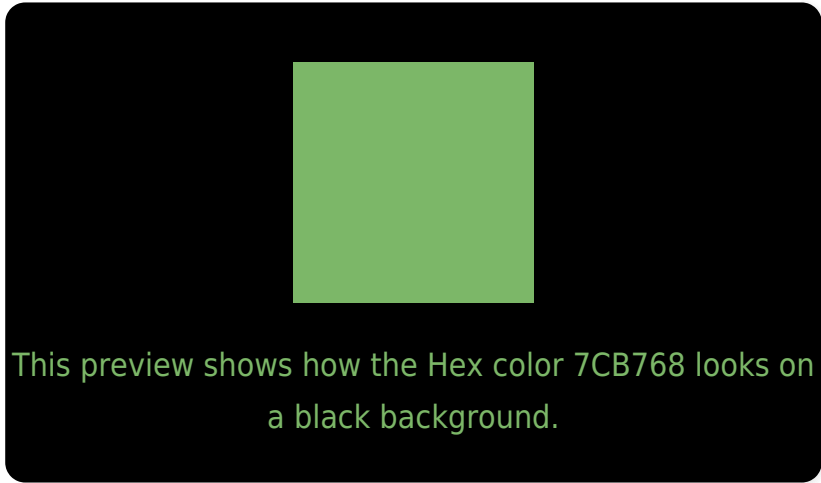
Large Text (above 18pt) WCAG AA × Fail

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 7CB768 Background



This preview shows how black text looks on a background with the Hex color 7CB768.

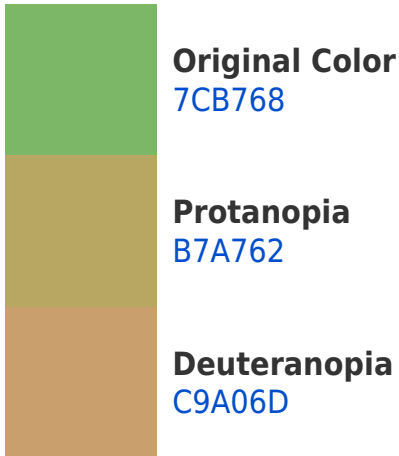


This preview shows how white text looks on a background with the Hex color 7CB768.

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](#).

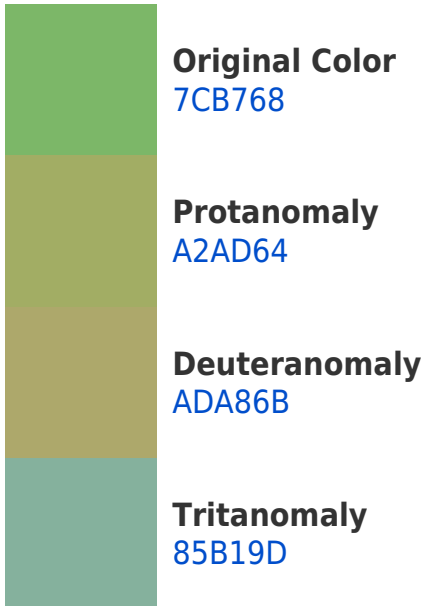
Dichromacy



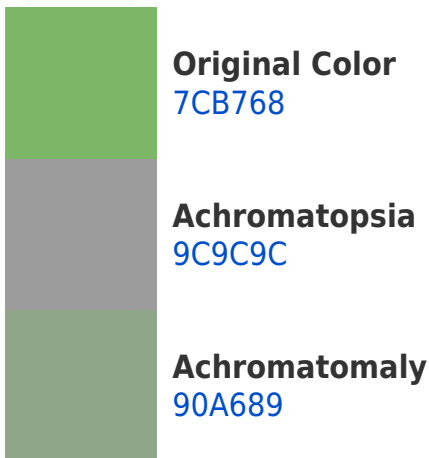


Tritanopia
8AADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CB768 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 #7CB768 looks like.

```
.text, #text, p{  
    color:#7CB768  
}
```

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 #7CB768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB768
}
```

Border

The CSS property to change the border of an element to Hex 7CB768 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
#7CB768 }
```

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

```
.border{ border-color:#7CB768 }
```

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

Here you see how a box with a 4 pixel #7CB768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB768; -webkit-box-shadow:4px 4px  
4px 4px #7CB768; box-shadow:4px 4px 4px  
4px #7CB768 }
```

Background

The CSS property to change the background color of an element to Hex 7CB768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB768 }
```

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

```
.background{ background-color:#7CB768 }
```

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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