

# Converting Colors

Hex(7CB579)

Have a look what the booklet for  
Hex(7CB579) contains.

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# **Color**

**Hex(7CB579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB579
RGB	124, 181, 121
RGB Percent	49%, 71%, 47%
CMY	0.5137, 0.2902, 0.5255
CMYK	0.31, 0.00, 0.33, 0.29
HSL	117°, 29%, 59%
HSV	117°, 33%, 71%
XYZ	28.2872, 38.7133, 24.0707
YIQ	157.1170, -14.7120, -30.7440

# Conversions

## Conversions Part 2

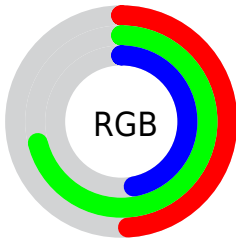
Format	Color
<a href="#">RYB</a>	<a href="#">121, 181, 178</a>
Decimal	<a href="#">8172921</a>
CIELab	<a href="#">68.54, -30.58, 24.83</a>
CIELCh	<a href="#">69, 39.395, 140.925</a>
Yxy	<a href="#">38.7133, 0.3106, 0.4251</a>
Android (android.graphics.Color)	<a href="#">4286363001 (0xFF7CB579)</a>
YUV	<a href="#">157.1170, -17.8057, -29.0436</a>
Hunter-Lab	<a href="#">62.2200, -27.7331, 20.6169</a>

# Details

The Hex color **7CB579** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B279B5**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B2EDAE**, and **488048** is the 20% darker color. If you saturate the color by 10%, you get **6BB567**, and if you desaturate by 10%, it is **8DB58B**.

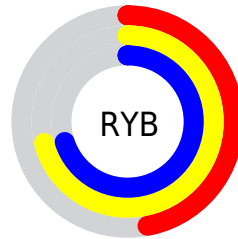
# Distribution



Red (49%)

Green (71%)

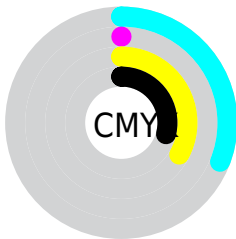
Blue (47%)



Red (47%)

Yellow (71%)

Blue (70%)

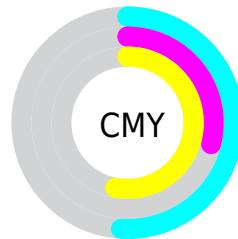


Cyan (31%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB579 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 7CB579 by changing the saturation by 10% instead.



 7CB579

 7CB579

FFFFFF

 629A60

 B2EDAE

 488048

 CEFFC9

 2F6630

 EBFEE6

 144E1A

 003602

 002200

 000000

 7CB579

 7CB579

 6BB567

 8DB58B

 5AB555

 9EB59D

 48B543

 B0B5AF

 37B531

 C1B5C1

 26B51F

 D2B5D4

 15B50C

 E3B5E6

 09B500

 F4B5F8

 FFB5FF

# Harmonies

## Analogous

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



A5AD63



7CB579



4BB99B

# Triad

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



7CB579



5DAEED



EC8C90

# Complementary

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



7CB579



B279B5

# 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.



E58CB4



7CB579



9BA2EA

# Square

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



7CB579



00B6DD



C995D4



E19571

# Rectangle

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



7CB579



1DBAB3



C995D4



EC8B9B



# Sweetspot

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



7CB579



D4EBD3



B5B279



687567



F5F5F5



757575



# Same Dimension

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



7CB579



91EB8D



79B594



515950



089900



011A00



# Inverse Universe

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



B279B5



E68DEB



B5799A



595059



910099



18001A



# Previews

## White Background



This preview shows how the Hex color 7CB579 looks on a white background.

## Color Contrast Check

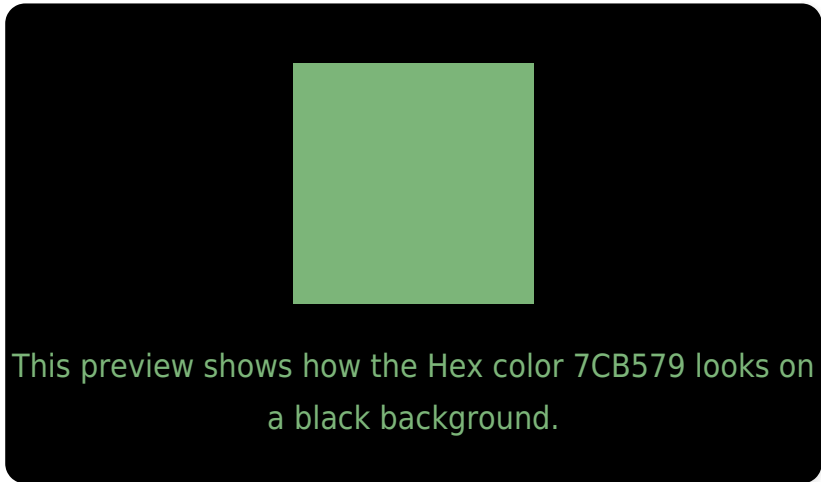
Large Text (above 18pt) WCAG AA × Fail

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

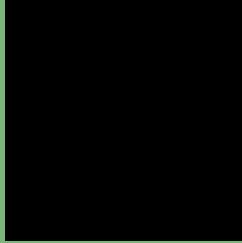
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CB579 Background



This preview shows how black text looks on a background with the Hex color 7CB579.

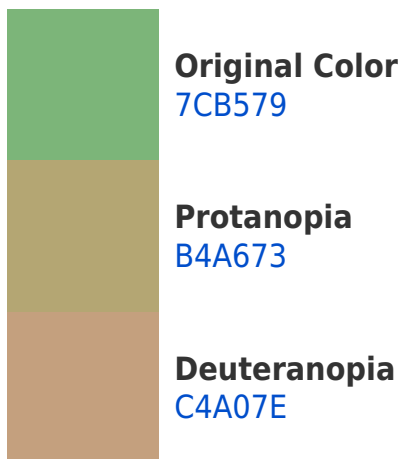


This preview shows how white text looks on a background with the Hex color 7CB579.

# 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](#).

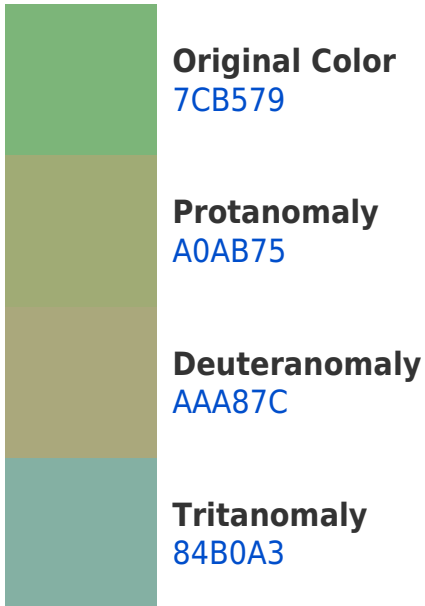
## Dichromacy



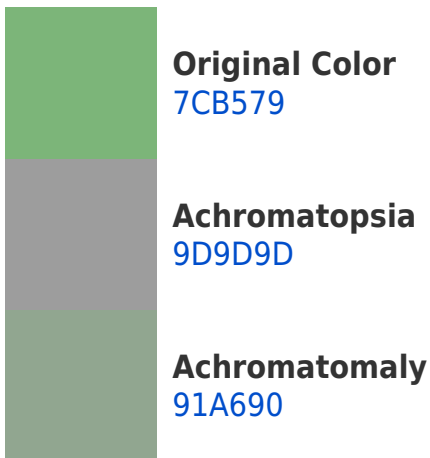


**Tritanopia**  
88ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB579 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 #7CB579 looks like.

```
.text, #text, p{  
    color:#7CB579  
}
```

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 #7CB579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB579
}
```

## Border

The CSS property to change the border of an element to Hex 7CB579 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
#7CB579 }
```

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

```
.border{ border-color:#7CB579 }
```

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

Here you see how a box with a 4 pixel #7CB579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB579; -webkit-box-shadow:4px 4px  
4px 4px #7CB579; box-shadow:4px 4px 4px  
4px #7CB579 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB579 }
```

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

```
.background{ background-color:#7CB579 }
```

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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