

# Converting Colors

Hex(7CB571)

Have a look what the booklet for  
Hex(7CB571) contains.

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**Color**

**Hex(7CB571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB571
RGB	124, 181, 113
RGB Percent	49%, 71%, 44%
CMY	0.5137, 0.2902, 0.5569
CMYK	0.31, 0.00, 0.38, 0.29
HSL	110°, 31%, 58%
HSV	110°, 38%, 71%
XYZ	27.8167, 38.5251, 21.5928
YIQ	156.2050, -12.1440, -33.2320

# Conversions

## Conversions Part 2

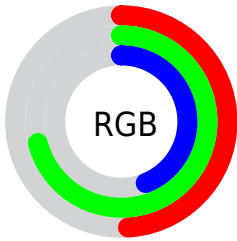
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 181, 170</a>
Decimal	<a href="#">8172913</a>
CIELab	<a href="#">68.41, -31.85, 28.90</a>
CIElCh	<a href="#">68, 43.008, 137.786</a>
Yxy	<a href="#">38.5251, 0.3163, 0.4381</a>
Android (android.graphics.Color)	<a href="#">4286362993 (0xFF7CB571)</a>
YUV	<a href="#">156.2050, -21.3001, -28.2438</a>
Hunter-Lab	<a href="#">62.0686, -28.6234, 22.8219</a>

# Details

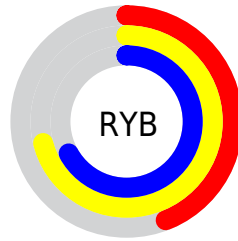
The Hex color **7CB571** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA71B5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B2EDA5**, and **488040** is the 20% darker color. If you saturate the color by 10%, you get **6DB55F**, and if you desaturate by 10%, it is **8BB583**.

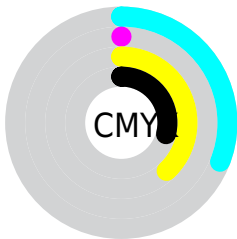
# Distribution



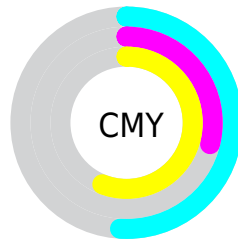
- Red (49%)
- Green (71%)
- Blue (44%)



- Red (44%)
- Yellow (71%)
- Blue (67%)



- Cyan (31%)
- Magenta (0%)
- Yellow (38%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB571 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 7CB571 by changing the saturation by 10% instead.





7CB571



7CB571

FFFFFF



629A58



B2EDA5



488040



CEFFC1



2F6629



EBFFDD



134E12



FFFFFFA



003600



002300



000000



7CB571



7CB571



6DB55F



8BB583

 5EB54D

 9AB595

 4EB53B

 AAB5A7

 3FB529

 B9B5B9

 30B517

 C8B5CC

 21B504

 D7B5DE

 1DB500

 E6B5F0

 F5B5FF

 FFB5FF

# Harmonies

## Analogous

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



A8AC5B



7CB571



43BA95

# Triad

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



7CB571



45AFF2



F28891

# Complementary

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



7CB571



AA71B5

# 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.



E889B8



7CB571



92A3F1

# Square

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



7CB571



00B8DF



C794DB



E7916F

# Rectangle

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



7CB571



00BBB0



C794DB



F1879E



# Sweetspot

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



7CB571



D5EBD1



B5AA71



697566



F5F5F5



757575



# Same Dimension

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



7CB571



92EB81



71B588



525950



199900



041A00



# Inverse Universe

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



AA71B5



DA81EB



B5719E



585059



800099



15001A



# Previews

## White Background



This preview shows how the Hex color 7CB571 looks on a white background.

## Color Contrast Check

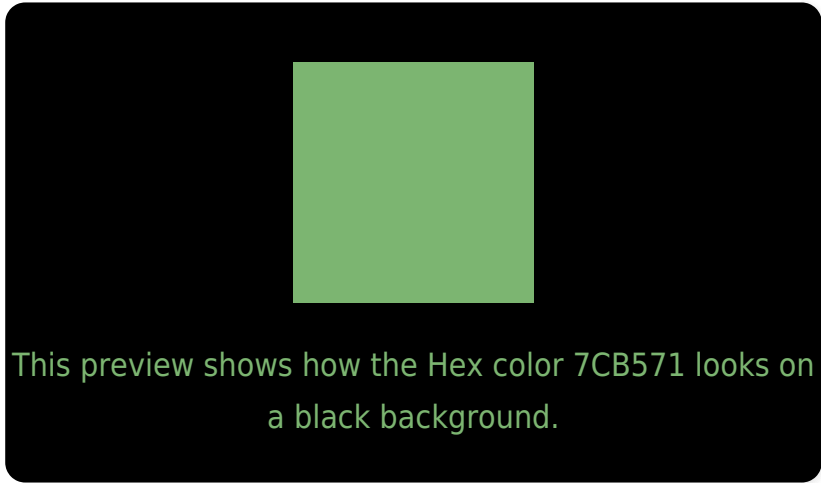
Large Text (above 18pt) WCAG AA × Fail

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

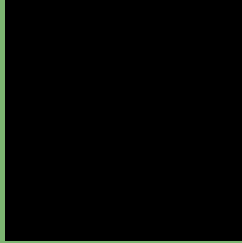
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CB571 Background



This preview shows how black text looks on a background with the Hex color 7CB571.

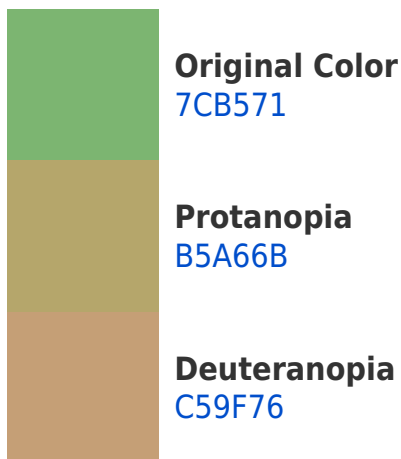


This preview shows how white text looks on a background with the Hex color 7CB571.

# Color Blindness Simulation

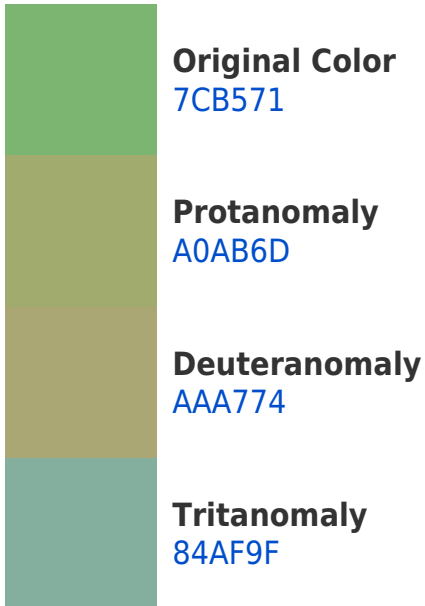
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

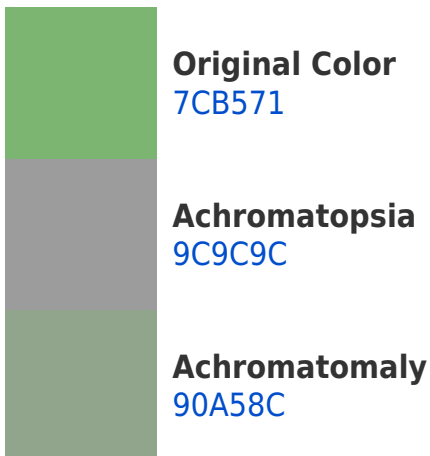




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB571 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 #7CB571 looks like.

```
.text, #text, p{  
    color:#7CB571  
}
```

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 #7CB571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB571
}
```

## Border

The CSS property to change the border of an element to Hex 7CB571 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
#7CB571 }
```

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

```
.border{ border-color:#7CB571 }
```

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

Here you see how a box with a 4 pixel #7CB571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB571; -webkit-box-shadow:4px 4px  
4px 4px #7CB571; box-shadow:4px 4px 4px  
4px #7CB571 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB571 }
```

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

```
.background{ background-color:#7CB571 }
```

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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