

# Converting Colors

Hex(7CC267)

Have a look what the booklet for  
Hex(7CC267) contains.

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# **Color**

**Hex(7CC267)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CC267
RGB	124, 194, 103
RGB Percent	49%, 76%, 40%
CMY	0.5137, 0.2392, 0.5961
CMYK	0.36, 0.00, 0.47, 0.24
HSL	106°, 43%, 58%
HSV	106°, 47%, 76%
XYZ	30.0521, 43.8479, 19.7115
YIQ	162.6960, -12.5090, -43.1410

# Conversions

## Conversions Part 2

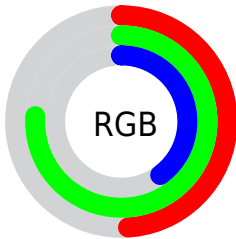
Format	Color
<a href="#">RYB</a>	<a href="#">103, 194, 173</a>
Decimal	<a href="#">8176231</a>
CIELab	<a href="#">72.13, -39.23, 38.80</a>
CIELCh	<a href="#">72, 55.176, 135.312</a>
Yxy	<a href="#">43.8479, 0.3210, 0.4684</a>
Android (android.graphics.Color)	<a href="#">4286366311 (0xFF7CC267)</a>
YUV	<a href="#">162.6960, -29.4301, -33.9364</a>
Hunter-Lab	<a href="#">66.2178, -34.8710, 28.7031</a>

# Details

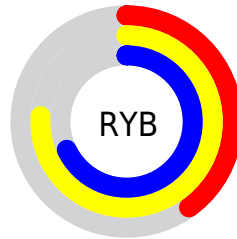
The Hex color **7CC267** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AD67C2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B3FB9C**, and **468C35** is the 20% darker color. If you saturate the color by 10%, you get **6DC254**, and if you desaturate by 10%, it is **8BC27A**.

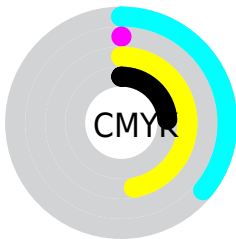
# Distribution



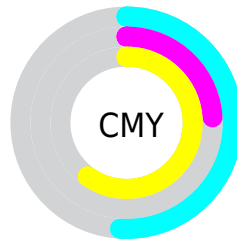
- Red (49%)
- Green (76%)
- Blue (40%)



- Red (40%)
- Yellow (76%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (47%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CC267 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 7CC267 by changing the saturation by 10% instead.





7CC267



7CC267

FFFFFF



61A74E



B3FB9C



468C35



D0FFB7



2A721C



EDFFD3



055900



FFFFF0



004100



002B00



000E00



000000



7CC267



7CC267

 6DC254

 8BC27A

 5EC240


 9AC28E

 4FC22D

 A9C2A1

 40C219

 B8C2B5

 31C206

 C7C2C8

 2DC200

 D6C2DB

 E4C2EF

 F3C2FF

 FFC2FF

# Harmonies

## Analogous

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



B5B64B



7CC267



10C996

# Triad

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



7CC267



00BDFE



FF8699

# Complementary

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



7CC267



AD67C2

# 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.



FF89CC



7CC267



89ADFF

# Square

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



7CC267



00C7F7



D599F8



FF936B

# Rectangle

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



7CC267



00CAB9



D599F8



FF85AA

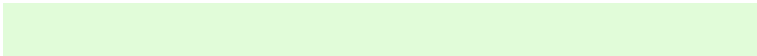


# Sweetspot

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



7CC267



E1FCD9



C2AD67



6F806A



000000



808080



# Same Dimension

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



7CC267



90FC6F



67C27F



596157



25A100



082100



# Inverse Universe

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



AD67C2



DC6FFC



C267AA



5F5761



7C00A1



190021



# Previews

## White Background



This preview shows how the Hex color 7CC267 looks on a white background.

## Color Contrast Check

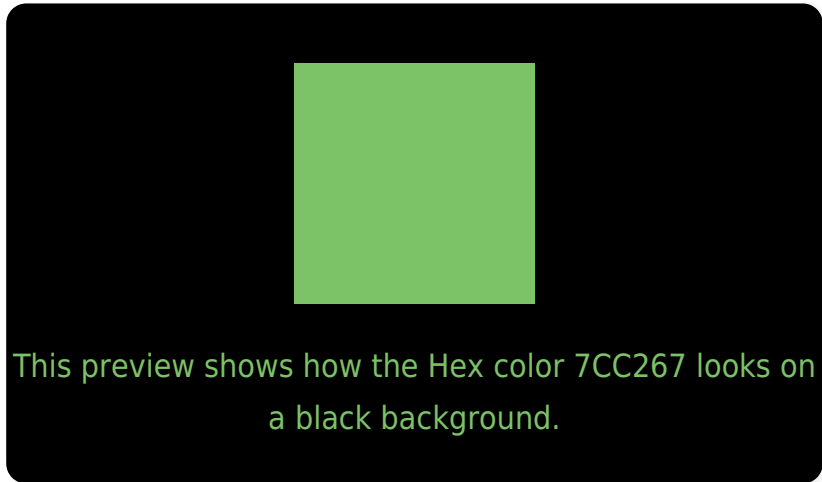
Large Text (above 18pt) WCAG AA × Fail

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 7CC267 Background



This preview shows how black text looks on a background with the Hex color 7CC267.

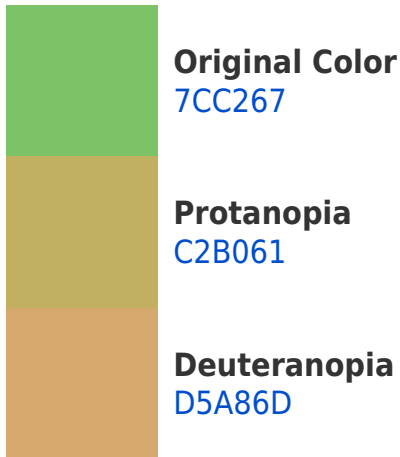


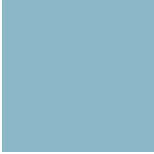
This preview shows how white text looks on a background with the Hex color 7CC267.

# 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](#).

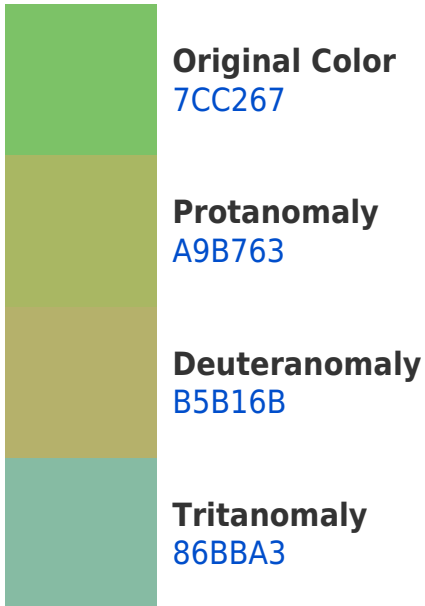
## Dichromacy



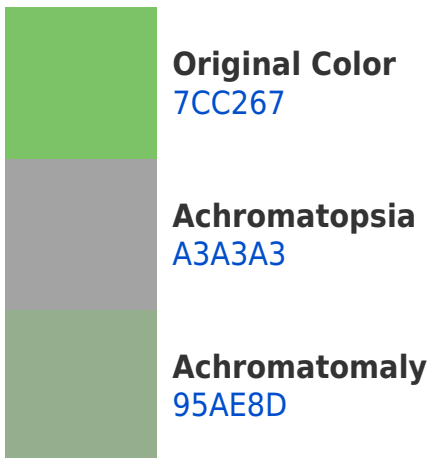


**Tritanopia**  
8CB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CC267 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 #7CC267 looks like.

```
.text, #text, p{  
    color:#7CC267  
}
```

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 #7CC267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC267
}
```

## Border

The CSS property to change the border of an element to Hex 7CC267 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
#7CC267 }
```

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

```
.border{ border-color:#7CC267 }
```

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

Here you see how a box with a 4 pixel #7CC267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC267; -webkit-box-shadow:4px 4px  
4px 4px #7CC267; box-shadow:4px 4px 4px  
4px #7CC267 }
```

# Background

The CSS property to change the background color of an element to Hex 7CC267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC267 }
```

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

```
.background{ background-color:#7CC267 }
```

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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