

# Converting Colors

Hex(7BC586)

Have a look what the booklet for  
Hex(7BC586) contains.

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# **Color**

**Hex(7BC586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC586
RGB	123, 197, 134
RGB Percent	48%, 77%, 53%
CMY	0.5176, 0.2275, 0.4745
CMYK	0.38, 0.00, 0.32, 0.23
HSL	129°, 39%, 63%
HSV	129°, 38%, 77%
XYZ	32.4377, 45.8647, 29.6974
YIQ	167.6920, -23.8810, -35.2810

# Conversions

## Conversions Part 2

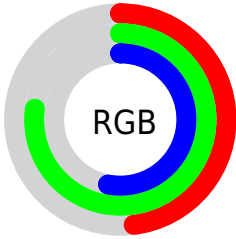
Format	Color
<a href="#">RYB</a>	<a href="#">123, 187, 197</a>
Decimal	<a href="#">8111494</a>
CIELab	<a href="#">73.46, -36.18, 24.53</a>
CIELCh	<a href="#">73, 43.713, 145.857</a>
Yxy	<a href="#">45.8647, 0.3003, 0.4247</a>
Android (android.graphics.Color)	<a href="#">4286301574 (0xFF7BC586)</a>
YUV	<a href="#">167.6920, -16.6102, -39.1949</a>
Hunter-Lab	<a href="#">67.7235, -33.0194, 21.4072</a>

# Details

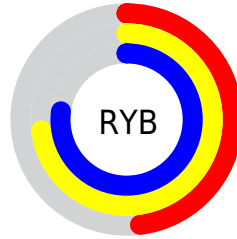
The Hex color **7BC586** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C57BBA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B2FEBC**, and **468F54** is the 20% darker color. If you saturate the color by 10%, you get **67C575**, and if you desaturate by 10%, it is **8FC597**.

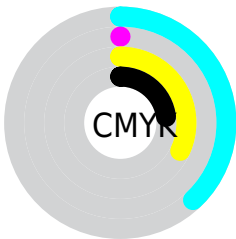
# Distribution



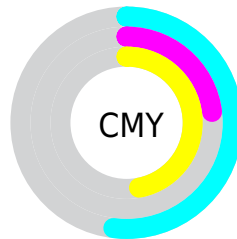
- Red (48%)
- Green (77%)
- Blue (53%)



- Red (48%)
- Yellow (73%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC586 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 7BC586 by changing the saturation by 10% instead.



 7BC586

 7BC586

FFFFFF

 60A96C

 B2FEBC

 468F54

 CEFFD7

 2A753C

 EBFFF4

 085B25

 00430F

 002C00

 001400

 000000

 7BC586

 7BC586

 67C575

 8FC597

 54C564

 A2C5A8

 40C554

 B6C5B8

 2CC543

 CAC5C9

 19C532

 DEC5DA

 05C521

 F1C5EB

 00C51D

 FFC5FB

 FFC5FF

# Harmonies

## Analogous

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



ABB6A



7BC586



3DC9AD

# Triad

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



7BC586



6BBAFF



FF9794

# Complementary

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



7BC586



C57BBA

# 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.



FD95BC



7BC586



B0ACFD

# Square

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



7BC586



00C4F6



E19EE2



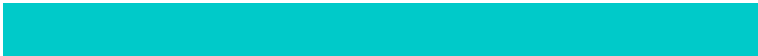
F1A273

# Rectangle

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



7BC586



00CAC9



E19EE2



FF95A1

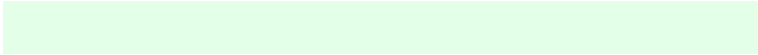


# Sweetspot

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



7BC586



E3FFE7



BBC57B



6F8071



000000



808080



# Same Dimension

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



7BC586



8CFF9D



7BC5AA



5A635B



00A318



002405



# Inverse Universe

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



C57BBA



FF8CEE



C57B96



635A62



A3008B



24001E



# Previews

## White Background



This preview shows how the Hex color 7BC586 looks on a white background.

## Color Contrast Check

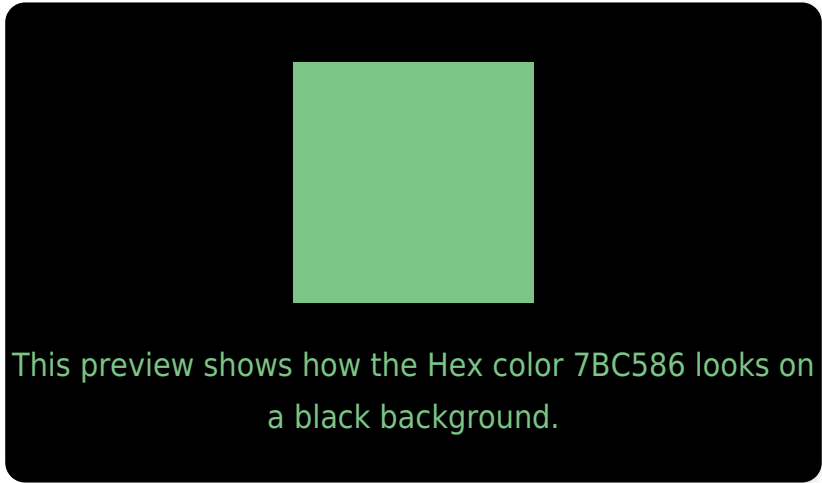
Large Text (above 18pt) WCAG AA × Fail

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

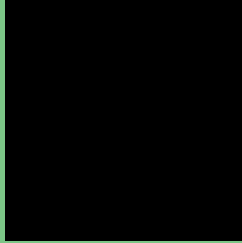
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BC586 Background



This preview shows how black text looks on a background with the Hex color 7BC586.

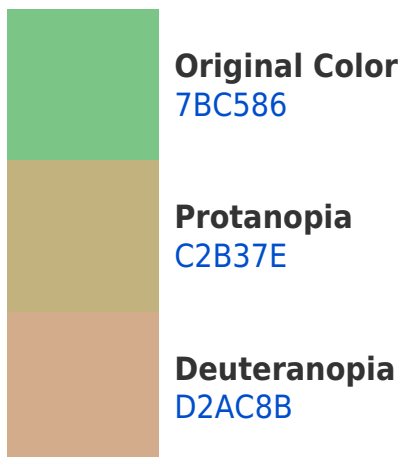


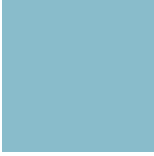
This preview shows how white text looks on a background with the Hex color 7BC586.

# 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**  
89BCCB

# Trichromacy



**Original Color**  
7BC586



**Protanomaly**  
A8BA81



**Deuteranomaly**  
B2B589



**Tritanomaly**  
84BFB2

# Monochromacy



**Original Color**  
7BC586



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
98B39C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC586 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 #7BC586 looks like.

```
.text, #text, p{  
    color:#7BC586  
}
```

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 #7BC586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC586
}
```

## Border

The CSS property to change the border of an element to Hex 7BC586 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
#7BC586 }
```

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

```
.border{ border-color:#7BC586 }
```

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

Here you see how a box with a 4 pixel #7BC586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC586; -webkit-box-shadow:4px 4px  
4px 4px #7BC586; box-shadow:4px 4px 4px  
4px #7BC586 }
```

# Background

The CSS property to change the background color of an element to Hex 7BC586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC586 }
```

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

```
.background{ background-color:#7BC586 }
```

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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