

# Converting Colors

Hex(7BC594)

Have a look what the booklet for  
Hex(7BC594) contains.

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**Color**

**Hex(7BC594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC594
RGB	123, 197, 148
RGB Percent	48%, 77%, 58%
CMY	0.5176, 0.2275, 0.4196
CMYK	0.38, 0.00, 0.25, 0.23
HSL	140°, 39%, 63%
HSV	140°, 38%, 77%
XYZ	33.4799, 46.2816, 35.1856
YIQ	169.2880, -28.3750, -30.9270

# Conversions

## Conversions Part 2

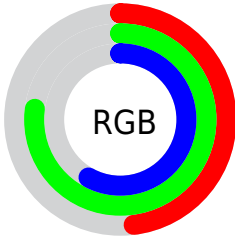
Format	Color
<a href="#">RYB</a>	<a href="#">123, 178, 197</a>
Decimal	<a href="#">8111508</a>
CIELab	<a href="#">73.73, -33.64, 17.46</a>
CIELCh	<a href="#">74, 37.901, 152.573</a>
Yxy	<a href="#">46.2816, 0.2913, 0.4026</a>
Android (android.graphics.Color)	<a href="#">4286301588</a> ( <a href="#">0xFF7BC594</a> )
YUV	<a href="#">169.2880, -10.4950, -40.5946</a>
Hunter-Lab	<a href="#">68.0306, -31.2082, 16.9564</a>

# Details

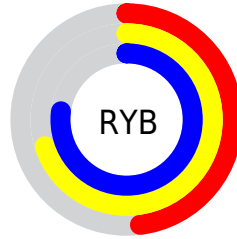
The Hex color **7BC594** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C57BAC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B2FECA**, and **468F61** is the 20% darker color. If you saturate the color by 10%, you get **67C587**, and if you desaturate by 10%, it is **8FC5A1**.

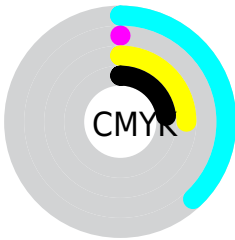
# Distribution



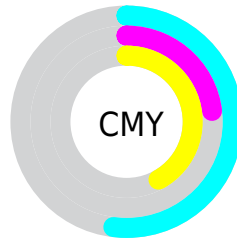
- Red (48%)
- Green (77%)
- Blue (58%)



- Red (48%)
- Yellow (70%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC594 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 7BC594 by changing the saturation by 10% instead.



 7BC594

 7BC594

FFFFFF

 60A97A

 B2FECA

 468F61

 CEFFE6

 2B7549

 EBFFFF

 095C32

 00431D

 002D05

 001500

 000000

 7BC594

 7BC594

 67C587

 8FC5A1

 54C57A

 A2C5AE

 40C56D

 B6C5BB

 2CC560

 CAC5C8

 19C553

 DEC5D5

 05C546

 F1C5E2

 00C543

 FFC5EF

 FFC5FC

 FFC5FF

# Harmonies

## Analogous

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



A5BE79



7BC594



4EC8B7

# Triad

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



7BC594



89B8FA



F79E91

# Complementary

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



7BC594



C57BAC

# 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.



F79AB3



7BC594



BDABF0

# Square

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



7BC594



4EC1F2



E4A0D6



E7A878

# Rectangle

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



7BC594



32C8CF



E4A0D6



F99C9C

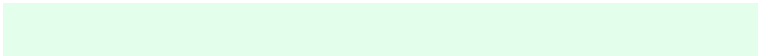


# Sweetspot

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



7BC594



E3FFEC



ACC57B



6F8075



000000



808080



# Same Dimension

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



7BC594



8CFFB3



7BC5B9



5A635D



00A337



00240C



# Inverse Universe

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



C57BAC



FF8CD8



C57B87



635A60



A3006C

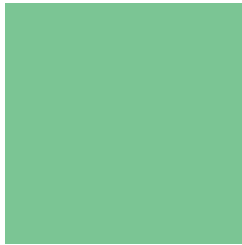


240018



# Previews

## White Background



This preview shows how the Hex color 7BC594 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



This preview shows how the Hex color 7BC594 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

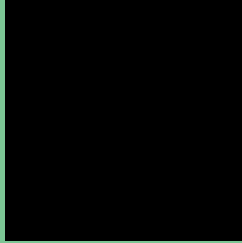
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BC594 Background



This preview shows how black text looks on a background with the Hex color 7BC594.

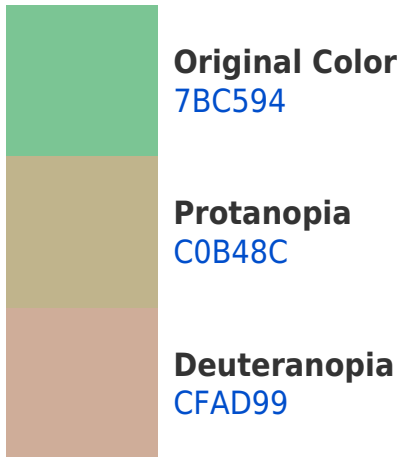


This preview shows how white text looks on a background with the Hex color 7BC594.

# 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**  
87BECD

# Trichromacy



**Original Color**  
7BC594



**Protanomaly**  
A7BA8F



**Deuteranomaly**  
B0B697



**Tritanomaly**  
83C1B8

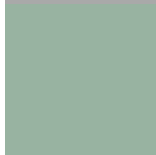
# Monochromacy



**Original Color**  
7BC594



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
98B3A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC594 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 #7BC594 looks like.

```
.text, #text, p{  
    color:#7BC594  
}
```

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 #7BC594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC594
}
```

## Border

The CSS property to change the border of an element to Hex 7BC594 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
#7BC594 }
```

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

```
.border{ border-color:#7BC594 }
```

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

Here you see how a box with a 4 pixel #7BC594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC594; -webkit-box-shadow:4px 4px  
4px 4px #7BC594; box-shadow:4px 4px 4px  
4px #7BC594 }
```

# Background

The CSS property to change the background color of an element to Hex 7BC594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC594 }
```

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

```
.background{ background-color:#7BC594 }
```

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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