

# Converting Colors

Hex(80C692)

Have a look what the booklet for  
Hex(80C692) contains.

|                                                |    |
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**Color**

**Hex(80C692)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 80C692                       |
| RGB         | 128, 198, 146                |
| RGB Percent | 50%, 78%, 57%                |
| CMY         | 0.4980, 0.2235, 0.4275       |
| CMYK        | 0.35, 0.00, 0.26, 0.22       |
| HSL         | 135°, 38%, 64%               |
| HSV         | 135°, 35%, 78%               |
| XYZ         | 34.2845, 47.0527, 34.4692    |
| YIQ         | 171.1420, -25.0280, -31.0120 |

# Conversions

## Conversions Part 2

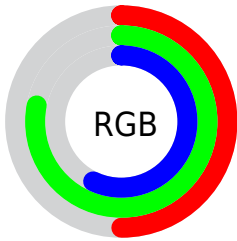
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">128, 184, 198</a>                    |
| Decimal                             | <a href="#">8439442</a>                          |
| CIELab                              | <a href="#">74.22, -32.97, 19.25</a>             |
| CIELCh                              | <a href="#">74, 38.179, 149.722</a>              |
| Yxy                                 | <a href="#">47.0527, 0.2960,<br/>0.4063</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286629522<br/>(0xFF80C692)</a>      |
| YUV                                 | <a href="#">171.1420, -12.3950,<br/>-37.8355</a> |
| Hunter-Lab                          | <a href="#">68.5950, -30.8250,<br/>18.2230</a>   |

# Details

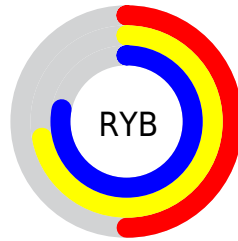
The Hex color **80C692** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C680B4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B7FFC8**, and **4B905F** is the 20% darker color. If you saturate the color by 10%, you get **6CC683**, and if you desaturate by 10%, it is **94C6A1**.

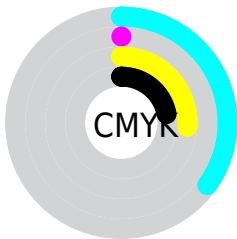
# Distribution



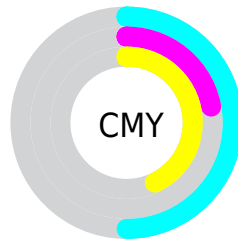
- Red (50%)
- Green (78%)
- Blue (57%)



- Red (50%)
- Yellow (72%)
- Blue (78%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (50%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C692 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 80C692 by changing the saturation by 10% instead.





80C692



80C692

FFFFFF



65AA78



B7FFC8



4B905F



D3FFE4



317647



F0FFFF



145D30



00441B



002D02



001700



000000



80C692



80C692

 6CC683

 94C6A1

 58C675

 A8C6AF

 45C666

 BBC6BE

 31C657

 CFC6CD

 1DC648

 E3C6DC

 09C63A

 F7C6EA

 00C633

 FFC6F9

 FFC6FF

# Harmonies

## Analogous

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



AABF78



80C692



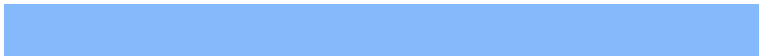
52C9B5

# Triad

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



80C692



84BAFC



FA9E96

# Complementary

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



80C692



C680B4

# 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.



F89BB8



80C692



BAAEF3

# Square

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



80C692



49C3F2



E2A2DA



EBA87B

# Rectangle

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



80C692



35C9CD



E2A2DA



FB9CA1

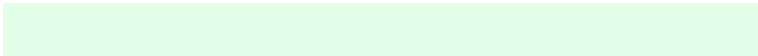


# Sweetspot

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



80C692



E3FFEA



B5C680



6F8073



000000



808080

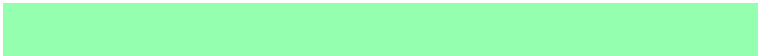


# Same Dimension

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



80C692



94FFAF



80C6B5



5A635C



00A32A



002409



# Inverse Universe

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



C680B4



FF94E3



C68092



635A61



A30079



24001B



# Previews

## White Background



This preview shows how the Hex color 80C692 looks on a white background.

## Color Contrast Check

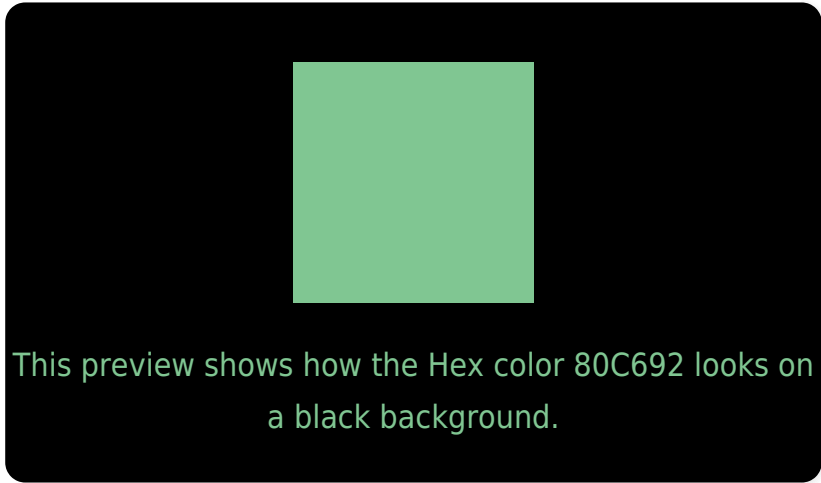
Large Text (above 18pt) WCAG AA × Fail

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

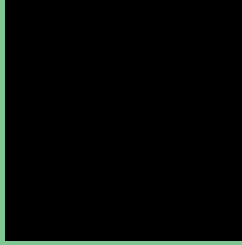
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80C692 Background



This preview shows how black text looks on a background with the Hex color 80C692.

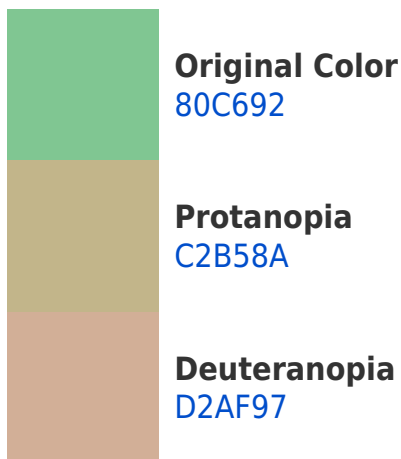


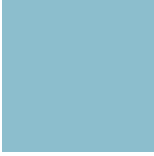
This preview shows how white text looks on a background with the Hex color 80C692.

# 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**  
8CBECD

# Trichromacy



**Original Color**  
80C692



**Protanomaly**  
AABB8D



**Deuteranomaly**  
B4B795



**Tritanomaly**  
88C1B8

# Monochromacy



**Original Color**  
80C692



**Achromatopsia**  
ABABAB



**Achromatomaly**  
9BB5A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C692 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 #80C692 looks like.

```
.text, #text, p{  
    color:#80C692  
}
```

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 #80C692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C692
}
```

## Border

The CSS property to change the border of an element to Hex 80C692 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
#80C692 }
```

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

```
.border{ border-color:#80C692 }
```

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

Here you see how a box with a 4 pixel #80C692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C692; -webkit-box-shadow:4px 4px  
4px 4px #80C692; box-shadow:4px 4px 4px  
4px #80C692 }
```

# Background

The CSS property to change the background color of an element to Hex 80C692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C692 }
```

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

```
.background{ background-color:#80C692 }
```

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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