

Converting Colors

Hex(80C472)

Have a look what the booklet for
Hex(80C472) contains.

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Color

Hex(80C472)

Conversions

Conversions Part 1

Format	Color
Hex	80C472
RGB	128, 196, 114
RGB Percent	50%, 77%, 45%
CMY	0.4980, 0.2314, 0.5529
CMYK	0.35, 0.00, 0.42, 0.23
HSL	110°, 41%, 61%
HSV	110°, 42%, 77%
XYZ	31.6793, 45.2840, 22.9906
YIQ	166.3200, -14.2060, -39.9180

Conversions

Conversions Part 2

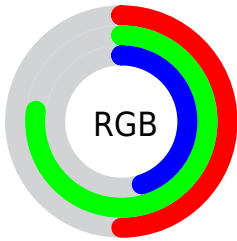
Format	Color
RYB	114, 196, 182
Decimal	8438898
CIELab	73.08, -37.29, 34.49
CIELCh	73, 50.793, 137.235
Yxy	45.2840, 0.3169, 0.4530
Android (android.graphics.Color)	4286628978 (0xFF80C472)
YUV	166.3200, -25.7938, -33.6066
Hunter-Lab	67.2934, -33.7320, 26.8491

Details

The Hex color **80C472** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B672C4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B7FDA7**, and **4B8E40** is the 20% darker color. If you saturate the color by 10%, you get **70C45E**, and if you desaturate by 10%, it is **90C486**.

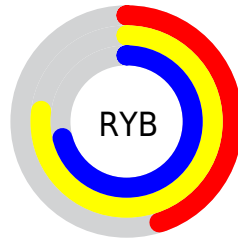
Distribution



Red (50%)

Green (77%)

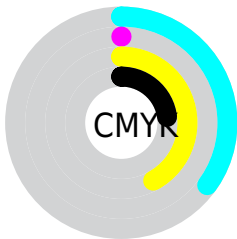
Blue (45%)



Red (45%)

Yellow (77%)

Blue (71%)

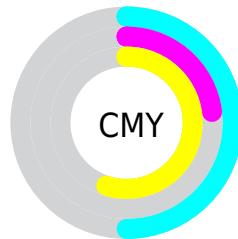


Cyan (35%)

Magenta (0%)

Yellow (42%)

Black (23%)



Cyan (50%)

Magenta (23%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C472 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 80C472 by changing the saturation by 10% instead.

 80C472

 80C472

FFFFFF

 65A859


 B7FDA7

 4B8E40

 D4FFC2

 307428

 F1FFDF

 115B0F

 FFFFFB

 004200

 002C00

 001300

 000000

 80C472

 80C472

 70C45E

 90C486

 5FC44B

 A1C499

 4FC437

 B1C4AD

 3FC424

 C1C4C0

 2FC410

 D1C4D4

 21C400

 E2C4E8

 F2C4FB

 FFC4FF

Harmonies

Analogous

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



B5B957



80C472



30CA9D

Triad

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



80C472



1BBEFF



FF8E9A

Complementary

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



80C472



B672C4

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.



FF8FC9



80C472



97AFFF

Square

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



80C472



00C7F7



D99DF3



FF9971

Rectangle

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



80C472



00CBBE



D99DF3



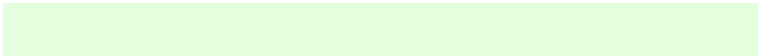
FF8CAA

Sweetspot

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



80C472



E4FFDE



C4B572



6F806B



000000



808080

Same Dimension

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



80C472



95FF80



72C48C



596157



1BA100



062100

Inverse Universe

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



B672C4



E980FF



C472AA



5F5761



8500A1



1B0021

Previews

White Background



This preview shows how the Hex color 80C472 looks on a white background.

Color Contrast Check

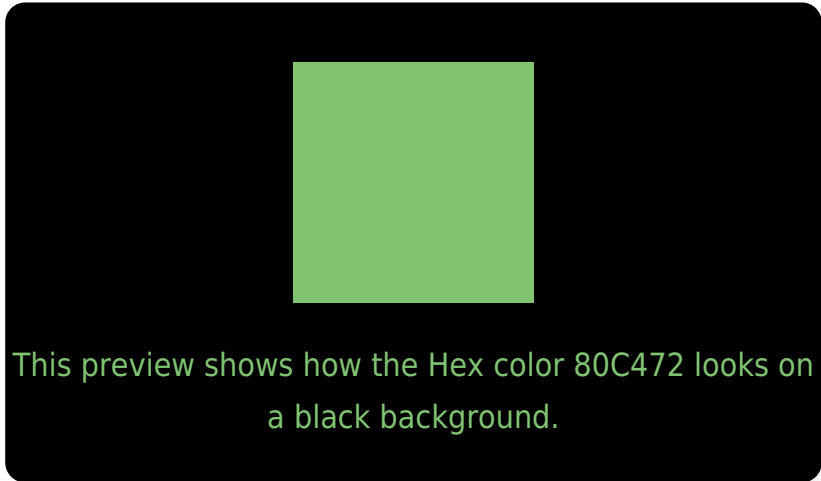
Large Text (above 18pt) WCAG AA × Fail

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

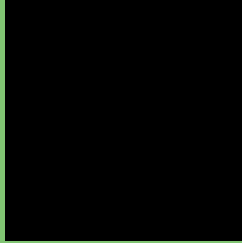
Any Text WCAG AA ✓ Pass

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 80C472 Background



This preview shows how black text looks on a background with the Hex color 80C472.

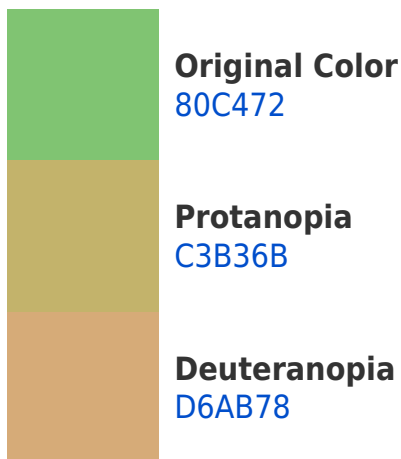


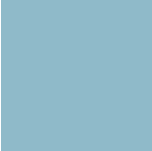
This preview shows how white text looks on a background with the Hex color 80C472.

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
8FBAC9

Trichromacy



Original Color
80C472



Protanomaly
ABB96E



Deuteranomaly
B7B476



Tritanomaly
8ABEA9

Monochromacy



Original Color
80C472



Achromatopsia
A6A6A6



Achromatomaly
98B193

CSS Examples

Text

The CSS property to change the color of the text to Hex 80C472 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 #80C472 looks like.

```
.text, #text, p{  
    color:#80C472  
}
```

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 #80C472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C472
}
```

Border

The CSS property to change the border of an element to Hex 80C472 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
#80C472 }
```

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

```
.border{ border-color:#80C472 }
```

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

Here you see how a box with a 4 pixel #80C472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C472; -webkit-box-shadow:4px 4px  
4px 4px #80C472; box-shadow:4px 4px 4px  
4px #80C472 }
```

Background

The CSS property to change the background color of an element to Hex 80C472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C472 }
```

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

```
.background{ background-color:#80C472 }
```

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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