

Converting Colors

Hex(79C772)

Have a look what the booklet for
Hex(79C772) contains.

Hex(79C772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(79C772)

Conversions

Conversions Part 1	
Format	Color
Hex	79C772
RGB	121, 199, 114
RGB Percent	47%, 78%, 45%
CMY	0.5255, 0.2196, 0.5529
CMYK	0.39, 0.00, 0.43, 0.22
HSL	115°, 43%, 61%
HSV	115°, 43%, 78%
XYZ	31.3458, 46.1267, 23.1708
YIQ	165.9880, -19.2030, -42.9710

Conversions

Conversions Part 2

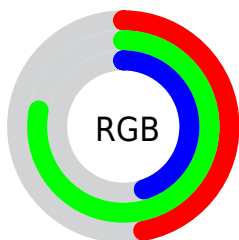
Format	Color
RYB	114, 199, 192
Decimal	7980914
CIELab	73.63, -40.88, 35.13
CIELCh	74, 53.895, 139.328
Yxy	46.1267, 0.3115, 0.4583
Android (android.graphics.Color)	4286170994 (0xFF79C772)
YUV	165.9880, -25.6301, -39.4545
Hunter-Lab	67.9166, -36.4703, 27.3139

Details

The Hex color **79C772** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C072C7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B1FFA7**, and **439040** is the 20% darker color. If you saturate the color by 10%, you get **67C75E**, and if you desaturate by 10%, it is **8BC786**.

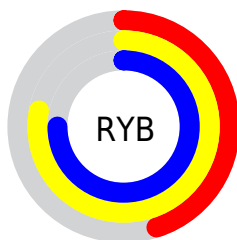
Distribution



Red (47%)

Green (78%)

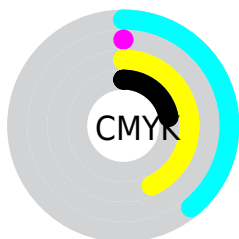
Blue (45%)



Red (45%)

Yellow (78%)

Blue (75%)

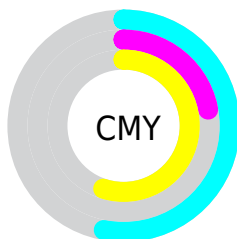


Cyan (39%)

Magenta (0%)

Yellow (43%)

Black (22%)



Cyan (53%)

Magenta (22%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79C772 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 79C772 by changing the saturation by 10% instead.

 79C772

FFFFFF

 B1FFA7

 CDFFC2

 EAFFDF

FFFFFFC

 79C772

 79C772

 5EAB59

 439040

 267628

 005D0F

 004500

 002E00

 001500

 000000

 79C772

 67C75E

 8BC786

 54C74A

 9EC79A

 42C736

 B0C7AE

 30C722

 C2C7C2

 1EC70F

 D4C7D6

 10C700

 E7C7E9

 F9C7FD

 FFC7FF

Harmonies

Analogous

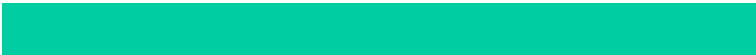
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B3BC53



79C772



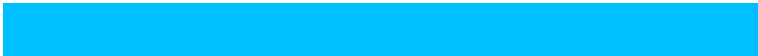
00CDA1

Triad

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



79C772



00BFFF



FF8C97

Complementary

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



79C772



C072C7

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.



FF8DC9



79C772



9BAFFF

Square

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



79C772



00CAFF



E09BF6



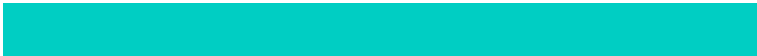
FF9A6C

Rectangle

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



79C772



00CEC3



E09BF6



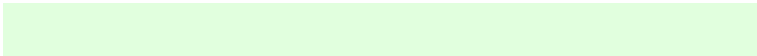
FF8BA7

Sweetspot

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



79C772



E1FFDE



C7C072



6D806B



000000



808080

Same Dimension

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



79C772



88FF7D



72C795



5A635A



0DA300



032400

Inverse Universe

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



C072C7



F47DFF



C772A4



635A63



9600A3



210024

Previews

White Background



This preview shows how the Hex color 79C772 looks on a white background.

Color Contrast Check

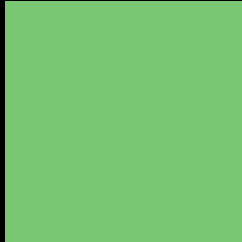
Large Text (above 18pt) WCAG AA × Fail

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 79C772 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 79C772 Background



This preview shows how black text looks on a background with the Hex color 79C772.

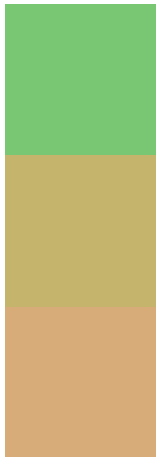


This preview shows how white text looks on a background with the Hex color 79C772.

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](#).

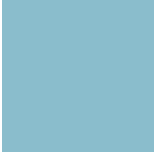
Dichromacy



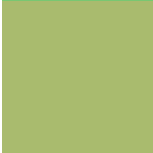

Original Color
79C772

Protanopia
C5B46B


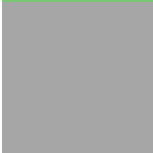

Deuteranopia
D8AC78



Trichromacy

	Original Color 79C772
	Protanomaly A9BB6E
	Deuteranomaly B5B676
	Tritanomaly 84C1AB

Monochromacy

	Original Color 79C772
	Achromatopsia A6A6A6
	Achromatomaly 96B293

CSS Examples

Text

The CSS property to change the color of the text to Hex 79C772 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 #79C772 looks like.

```
.text, #text, p{  
    color:#79C772  
}
```

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 #79C772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C772
}
```

Border

The CSS property to change the border of an element to Hex 79C772 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
#79C772 }
```

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

```
.border{ border-color:#79C772 }
```

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

Here you see how a box with a 4 pixel #79C772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C772; -webkit-box-shadow:4px 4px  
4px 4px #79C772; box-shadow:4px 4px 4px  
4px #79C772 }
```

Background

The CSS property to change the background color of an element to Hex 79C772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C772 }
```

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

```
.background{ background-color:#79C772 }
```

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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