

Converting Colors

Hex(79C174)

Have a look what the booklet for
Hex(79C174) contains.

Hex(79C174)	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(79C174)

Conversions

Conversions Part 1

Format	Color
Hex	79C174
RGB	121, 193, 116
RGB Percent	47%, 76%, 45%
CMY	0.5255, 0.2431, 0.5451
CMYK	0.37, 0.00, 0.40, 0.24
HSL	116°, 38%, 61%
HSV	116°, 40%, 76%
XYZ	30.1075, 43.4658, 23.3259
YIQ	162.6940, -18.1950, -39.2110

Conversions

Conversions Part 2

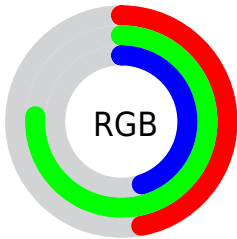
Format	Color
RYB	116, 193, 188
Decimal	7979380
CIELab	71.87, -37.91, 31.83
CIELCh	72, 49.501, 139.985
Yxy	43.4658, 0.3107, 0.4486
Android (android.graphics.Color)	4286169460 (0xFF79C174)
YUV	162.6940, -23.0201, -36.5656
Hunter-Lab	65.9286, -33.8598, 25.1729

Details

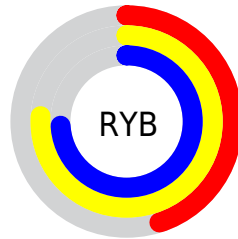
The Hex color **79C174** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **BC74C1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B0FAA9**, and **448B42** is the 20% darker color. If you saturate the color by 10%, you get **67C161**, and if you desaturate by 10%, it is **8BC187**.

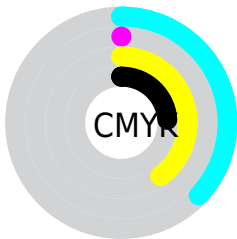
Distribution



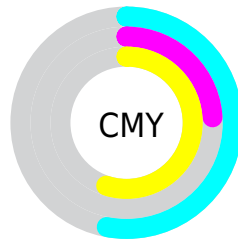
- Red (47%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79C174 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 79C174 by changing the saturation by 10% instead.

 79C174

 79C174

FFFFFF

 5EA65B

 B0FAA9

 448B42

 CCFFC4

 28712B

 E9FFE1

 035813

FFFFFFD

 004000

 002A00

 000D00

 000000

 79C174

 79C174

■ 67C161

■ 8BC187

■ 55C14D

■ 9DC19B

■ 43C13A

■ AFC1AE

■ 31C127

■ C1C1C1

■ 1FC114

■ D3C1D4

■ 0DC100

■ E5C1E8

■ F7C1FB

■ FFC1FF

Harmonies

Analogous

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



AEB758



79C174



26C69F

Triad

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



79C174



36B9FF



FF8C94

Complementary

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



79C174



BC74C1

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.



FD8CC1



79C174



9CAAFF

Square

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



79C174



00C3F4



D999EB



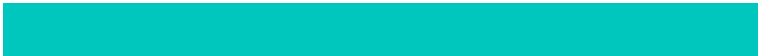
F8986D

Rectangle

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



79C174



00C7BE



D999EB



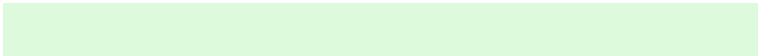
FF8BA3

Sweetspot

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



79C174



DEFADC



C1BC74



6D7D6B



FCFCFC



7D7D7D

Same Dimension

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



79C174



8AFA82



74C195



586157



0AA100



022100

Inverse Universe

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



BC74C1



F282FA



C174A0



605761



9600A1



1F0021

Previews

White Background



This preview shows how the Hex color 79C174 looks on a white background.

Color Contrast Check

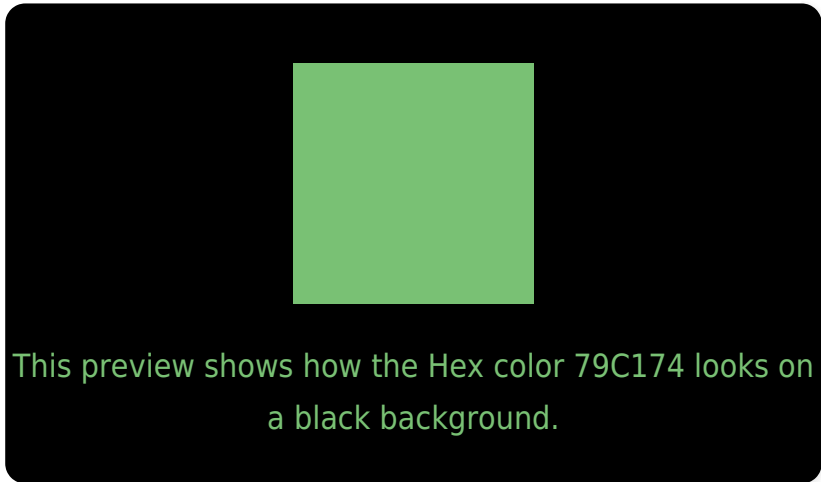
Large Text (above 18pt) WCAG AA × Fail

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

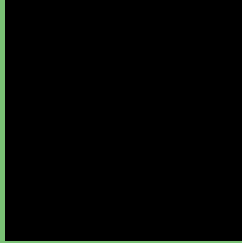
Any Text WCAG AA ✓ Pass

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 79C174 Background



This preview shows how black text looks on a background with the Hex color 79C174.

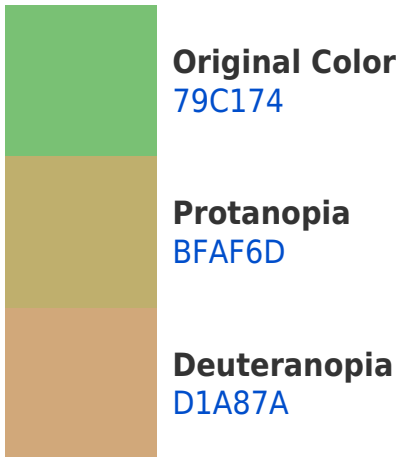


This preview shows how white text looks on a background with the Hex color 79C174.

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
88B7C6

Trichromacy



Original Color
79C174



Protanomaly
A6B670



Deuteranomaly
B1B178



Tritanomaly
83BBA8

Monochromacy



Original Color
79C174



Achromatopsia
A3A3A3



Achromatomaly
94AE92

CSS Examples

Text

The CSS property to change the color of the text to Hex 79C174 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 #79C174 looks like.

```
.text, #text, p{  
    color:#79C174  
}
```

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 #79C174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C174
}
```

Border

The CSS property to change the border of an element to Hex 79C174 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
#79C174 }
```

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

```
.border{ border-color:#79C174 }
```

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

Here you see how a box with a 4 pixel #79C174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C174; -webkit-box-shadow:4px 4px  
4px 4px #79C174; box-shadow:4px 4px 4px  
4px #79C174 }
```

Background

The CSS property to change the background color of an element to Hex 79C174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C174 }
```

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

```
.background{ background-color:#79C174 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor