

Converting Colors

Hex(79BC5C)

Have a look what the booklet for
Hex(79BC5C) contains.

Hex(79BC5C)	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(79BC5C)

Conversions

Conversions Part 1

Format	Color
Hex	79BC5C
RGB	121, 188, 92
RGB Percent	47%, 74%, 36%
CMY	0.5255, 0.2627, 0.6392
CMYK	0.36, 0.00, 0.51, 0.26
HSL	102°, 42%, 55%
HSV	102°, 51%, 74%
XYZ	27.8001, 40.8041, 16.5360
YIQ	157.0230, -9.1160, -44.0600

Conversions

Conversions Part 2

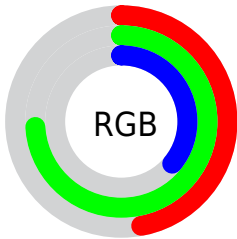
Format	Color
RYB	92, 188, 159
Decimal	7978076
CIELab	70.04, -38.96, 41.64
CIELCh	70, 57.019, 133.095
Yxy	40.8041, 0.3265, 0.4793
Android (android.graphics.Color)	4286168156 (0xFF79BC5C)
YUV	157.0230, -32.0563, -31.5922
Hunter-Lab	63.8781, -34.1023, 29.3664

Details

The Hex color **79BC5C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9F5CBC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B0F590**, and **43862A** is the 20% darker color. If you saturate the color by 10%, you get **6CBC49**, and if you desaturate by 10%, it is **86BC6F**.

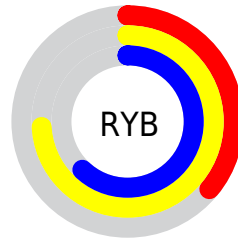
Distribution



Red (47%)

Green (74%)

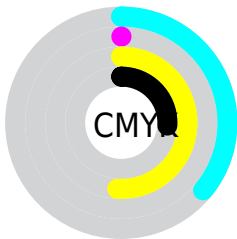
Blue (36%)



Red (36%)

Yellow (74%)

Blue (62%)

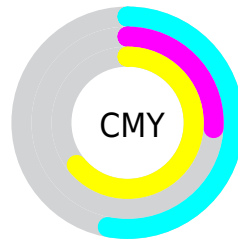


Cyan (36%)

Magenta (0%)

Yellow (51%)

Black (26%)



Cyan (53%)

Magenta (26%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BC5C 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 79BC5C by changing the saturation by 10% instead.

 79BC5C

 79BC5C

FFFFFF

 5EA143

 B0F590

 43862A

 CDFFAB

 276C0E

 EAFFC7

 015400

 FFFFE4

 003C00

 002700

 000000

 79BC5C

 79BC5C

 6CBC49

 86BC6F

 5FBC36

 93BC82

 52BC24

 A0BC94

 45BC11

 ADBCA7

 39BC00

 BBBCBA

 C8BCCD

 D5BCE0

 E2BCF2

 EFBCFF

Harmonies

Analogous

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



B3B040



79BC5C



00C38B

Triad

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



79BC5C



00B9FF



FF7E96

Complementary

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



79BC5C



9F5CBC

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.



FB82CB



79BC5C



79A9FF

Square

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



79BC5C



00C2F1



CC94F7



FF8A67

Rectangle

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



79BC5C



00C5AF



CC94F7



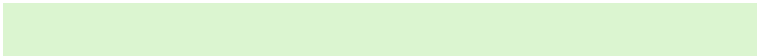
FF7DA8

Sweetspot

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



79BC5C



DBF5D0



BC9E5C



6B7A64



FAFAFA



7A7A7A

Same Dimension

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



79BC5C



8DF55F



5CBC6E



585E55



309E00



091F00

Inverse Universe

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



9F5CBC



C85FF5



BC5CAA



5B555E



6E009E



15001F

Previews

White Background



This preview shows how the Hex color 79BC5C looks on a white background.

Color Contrast Check

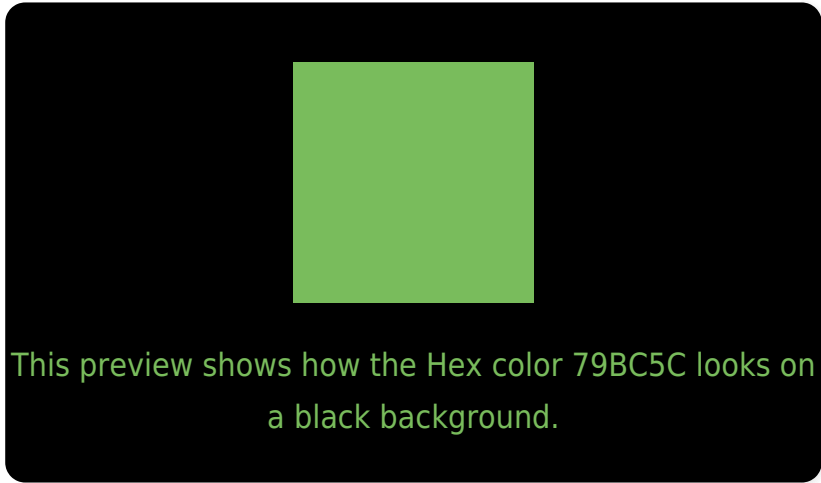
Large Text (above 18pt) WCAG AA × Fail

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 79BC5C Background



This preview shows how black text looks on a background with the Hex color 79BC5C.

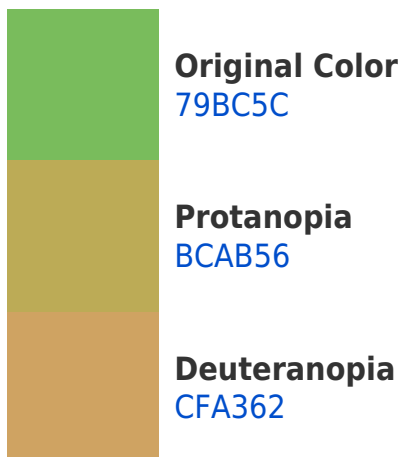


This preview shows how white text looks on a background with the Hex color 79BC5C.

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](#).

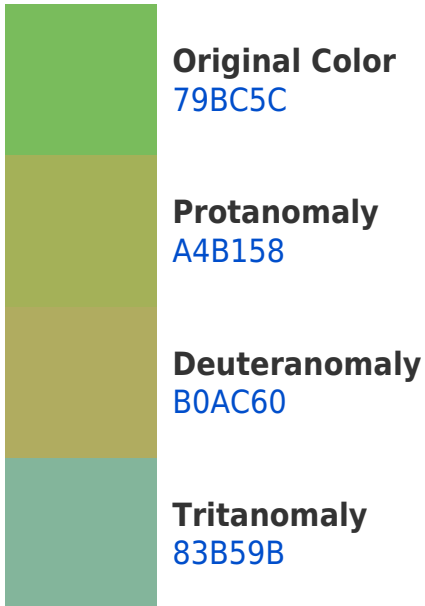
Dichromacy





Tritanopia
89B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79BC5C 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 #79BC5C looks like.

```
.text, #text, p{  
    color:#79BC5C  
}
```

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 #79BC5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BC5C  
}
```

Border

The CSS property to change the border of an element to Hex 79BC5C 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  
#79BC5C }
```

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

```
.border{ border-color:#79BC5C }
```

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

Here you see how a box with a 4 pixel #79BC5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BC5C; -webkit-box-shadow:4px 4px  
4px 4px #79BC5C; box-shadow:4px 4px 4px  
4px #79BC5C }
```

Background

The CSS property to change the background color of an element to Hex 79BC5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BC5C }
```

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

```
.background{ background-color:#79BC5C }
```

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