

Converting Colors

Hex(79BC3A)

Have a look what the booklet for
Hex(79BC3A) contains.

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Color

Hex(79BC3A)

Conversions

Conversions Part 1

Format	Color
Hex	79BC3A
RGB	121, 188, 58
RGB Percent	47%, 74%, 23%
CMY	0.5255, 0.2627, 0.7725
CMYK	0.36, 0.00, 0.69, 0.26
HSL	91°, 53%, 48%
HSV	91°, 69%, 74%
XYZ	26.6321, 40.3369, 10.3851
YIQ	153.1470, 1.7980, -54.6340

Conversions

Conversions Part 2

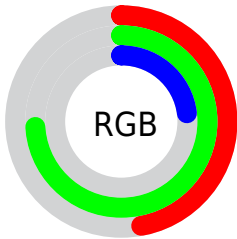
Format	Color
RYB	58, 188, 125
Decimal	7978042
CIELab	69.71, -42.25, 56.39
CIELCh	70, 70.466, 126.840
Yxy	40.3369, 0.3443, 0.5215
Android (android.graphics.Color)	4286168122 (0xFF79BC3A)
YUV	153.1470, -46.9075, -28.1929
Hunter-Lab	63.5113, -36.2947, 34.7631

Details

The Hex color **79BC3A** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **7D3ABC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B1F570**, and **418600** is the 20% darker color. If you saturate the color by 10%, you get **6FBC27**, and if you desaturate by 10%, it is **83BC4D**.

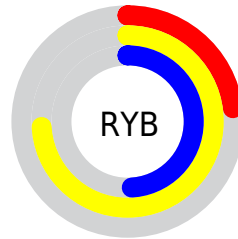
Distribution



Red (47%)

Green (74%)

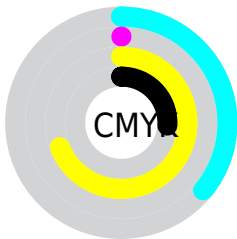
Blue (23%)



Red (23%)

Yellow (74%)

Blue (49%)

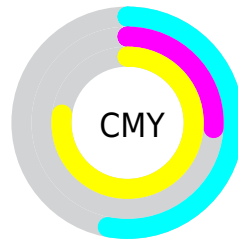


Cyan (36%)

Magenta (0%)

Yellow (69%)

Black (26%)



Cyan (53%)

Magenta (26%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BC3A 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 79BC3A by changing the saturation by 10% instead.

 79BC3A

 79BC3A

FFFFFF

 5DA11C

 B1F570

 418600

 CEFF8B

 236C00

 ECFFA7

 005300

 FFFFC3

 003C00

 FFFFEO

 002700

FFFFFFD

 000000

 79BC3A

 79BC3A

 6FBC27

 83BC4D

 66BC14

 8CBC60

 5CBC02

 96BC72

 5BBC00

 A0BC85

 A9BC98

 B3BCAB

 BDBCBE

 C7BCD0

 D0BCE3

Harmonies

Analogous

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



BDAC11



79BC3A



00C575

Triad

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



79BC3A



00BEFF



FF6B9E

Complementary

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



79BC3A



7D3ABC

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.



FF77DE



79BC3A



17ADFF

Square

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



79BC3A



00C7F6



BF93FF



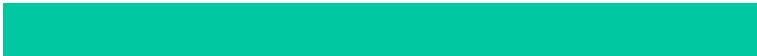
FF7A61

Rectangle

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



79BC3A



00C8A1



BF93FF



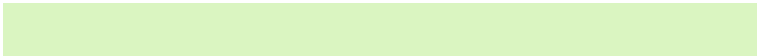
FF6CB4

Sweetspot

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



79BC3A



DAF5C1



BC7B3A



6B7A5C



FAFAFA



7A7A7A

Same Dimension

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



79BC3A



8CF52A



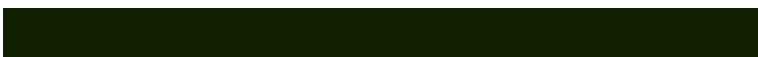
3ABC3A



595E55



4D9E00



0F1F00

Inverse Universe

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



7D3ABC



922AF5



BC3ABC



5A555E



51009E



10001F

Previews

White Background



This preview shows how the Hex color 79BC3A looks on a white background.

Color Contrast Check

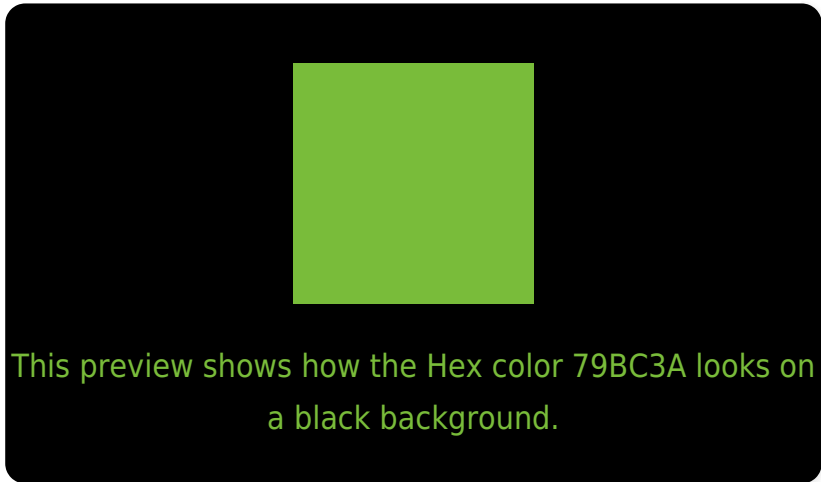
Large Text (above 18pt) WCAG AA × Fail

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 79BC3A Background



This preview shows how black text looks on a background with the Hex color 79BC3A.

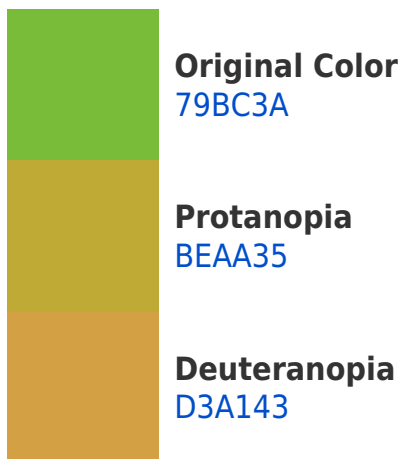


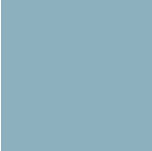
This preview shows how white text looks on a background with the Hex color 79BC3A.

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](#).

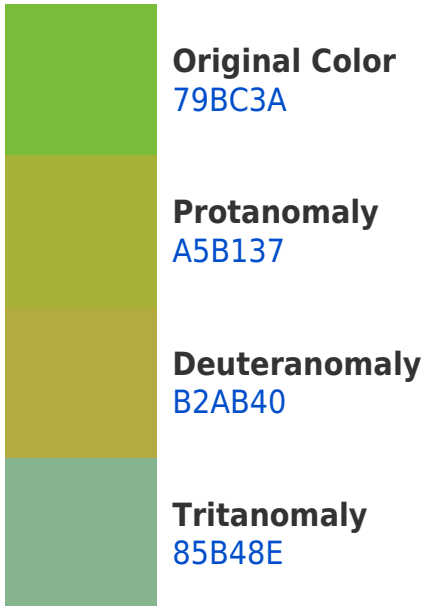
Dichromacy



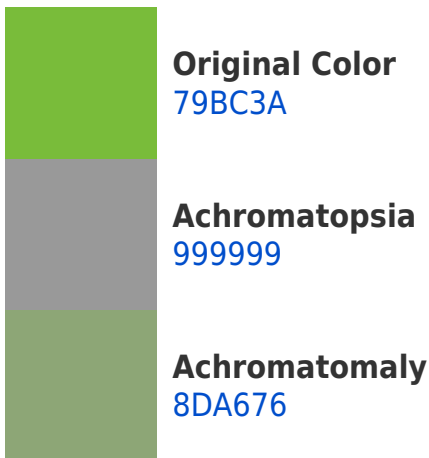


Tritanopia
8CB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79BC3A 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 #79BC3A looks like.

```
.text, #text, p{  
    color:#79BC3A  
}
```

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 #79BC3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BC3A
}
```

Border

The CSS property to change the border of an element to Hex 79BC3A 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
#79BC3A }
```

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

```
.border{ border-color:#79BC3A }
```

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

Here you see how a box with a 4 pixel #79BC3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BC3A; -webkit-box-shadow:4px 4px  
4px 4px #79BC3A; box-shadow:4px 4px 4px  
4px #79BC3A }
```

Background

The CSS property to change the background color of an element to Hex 79BC3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BC3A }
```

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

```
.background{ background-color:#79BC3A }
```

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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