

Converting Colors

Hex(79BF62)

Have a look what the booklet for
Hex(79BF62) contains.

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Color

Hex(79BF62)

Conversions

Conversions Part 1

Format	Color
Hex	79BF62
RGB	121, 191, 98
RGB Percent	47%, 75%, 38%
CMY	0.5255, 0.2510, 0.6157
CMYK	0.37, 0.00, 0.49, 0.25
HSL	105°, 42%, 57%
HSV	105°, 49%, 75%
XYZ	28.7206, 42.2084, 18.1886
YIQ	159.4680, -11.8670, -43.7630

Conversions

Conversions Part 2

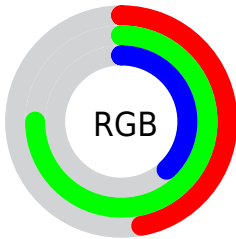
Format	Color
RYB	98, 191, 168
Decimal	7978850
CIELab	71.01, -39.54, 39.88
CIELCh	71, 56.156, 134.757
Yxy	42.2084, 0.3223, 0.4736
Android (android.graphics.Color)	4286168930 (0xFF79BF62)
YUV	159.4680, -30.3037, -33.7364
Hunter-Lab	64.9680, -34.7840, 28.8786

Details

The Hex color **79BF62** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A862BF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B0F896**, and **438930** is the 20% darker color. If you saturate the color by 10%, you get **6BBF4F**, and if you desaturate by 10%, it is **87BF75**.

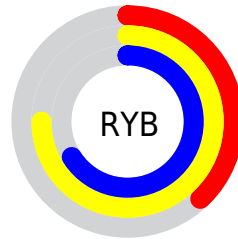
Distribution



Red (47%)

Green (75%)

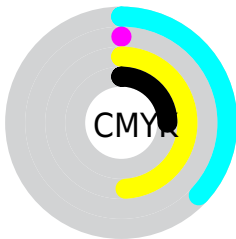
Blue (38%)



Red (38%)

Yellow (75%)

Blue (66%)

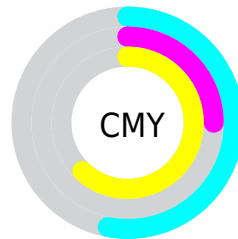


Cyan (37%)

Magenta (0%)

Yellow (49%)

Black (25%)



Cyan (53%)

Magenta (25%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BF62 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 79BF62 by changing the saturation by 10% instead.



79BF62



79BF62

FFFFFF



5EA449



B0F896



438930



CDFFB2



276F16



EAFFCE



005600



FFFFEA



003E00



002900



000700



000000



79BF62



79BF62

 6BBF4F

 87BF75

 5CBF3C

 96BF88

 4EBF29

 A4BF9B

 3FBF16

 B3BFAE

 31BF02

 C1BFC2

 2FBF00

 CFBFD5

 DEBFE8

 ECBFFB

 FABFFF

Harmonies

Analogous

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



B3B345



79BF62



00C691

Triad

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



79BF62



00BBFF



FF8296

Complementary

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



79BF62



A862BF

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.



FF85CA



79BF62



83ABFF

Square

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



79BF62



00C4F5



D296F7



FF8F68

Rectangle

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



79BF62



00C7B5



D296F7



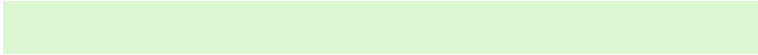
FF81A8

Sweetspot

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



79BF62



DBF7D2



BFA862



6C7D66



FCFCFC



7D7D7D

Same Dimension

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



79BF62



8BF768



62BF79



575E55



279E00



081F00

Inverse Universe

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



A862BF



D468F7



BF62A8



5C555E



77009E



17001F

Previews

White Background



This preview shows how the Hex color 79BF62 looks on a white background.

Color Contrast Check

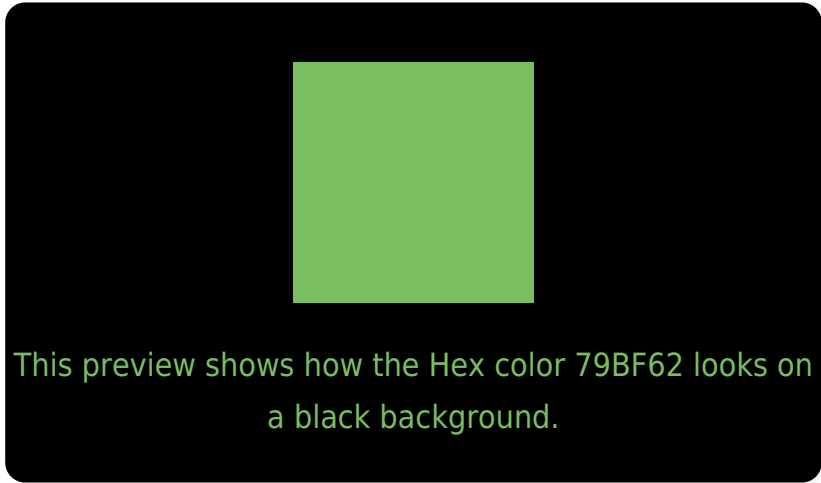
Large Text (above 18pt) WCAG AA × Fail

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 79BF62 Background



This preview shows how black text looks on a background with the Hex color 79BF62.

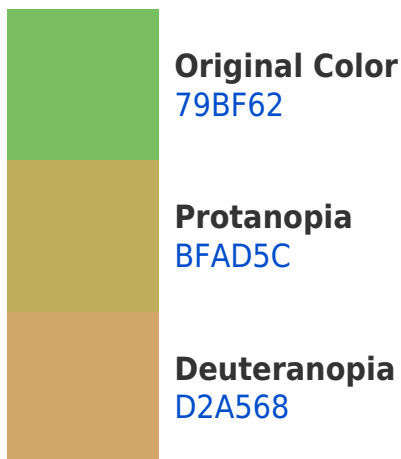


This preview shows how white text looks on a background with the Hex color 79BF62.

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](#).

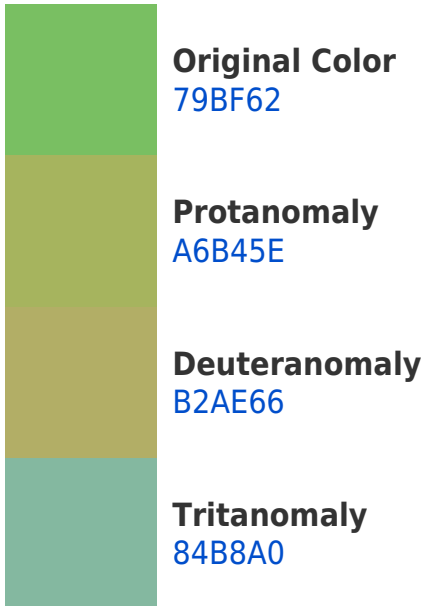
Dichromacy



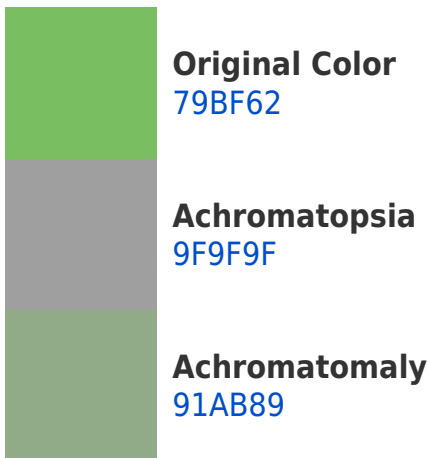


Tritanopia
8AB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79BF62 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 #79BF62 looks like.

```
.text, #text, p{  
    color:#79BF62  
}
```

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 #79BF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BF62
}
```

Border

The CSS property to change the border of an element to Hex 79BF62 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
#79BF62 }
```

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

```
.border{ border-color:#79BF62 }
```

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

Here you see how a box with a 4 pixel #79BF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BF62; -webkit-box-shadow:4px 4px  
4px 4px #79BF62; box-shadow:4px 4px 4px  
4px #79BF62 }
```

Background

The CSS property to change the background color of an element to Hex 79BF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BF62 }
```

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

```
.background{ background-color:#79BF62 }
```

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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