

# Converting Colors

Hex(79B442)

Have a look what the booklet for  
Hex(79B442) contains.

<b>Hex(79B442)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(79B442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79B442
RGB	121, 180, 66
RGB Percent	47%, 71%, 26%
CMY	0.5255, 0.2941, 0.7412
CMYK	0.33, 0.00, 0.63, 0.29
HSL	91°, 46%, 48%
HSV	91°, 63%, 71%
XYZ	25.1898, 37.1008, 10.9878
YIQ	149.3630, 1.4300, -47.9620

# Conversions

## Conversions Part 2

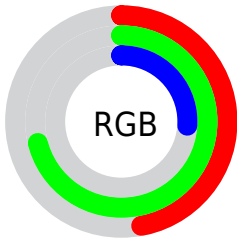
Format	Color
R <sub>YB</sub>	66, 180, 125
Decimal	7976002
CIE Lab	67.35, -38.11, 50.60
CIE LCh	67, 63.345, 126.987
Yxy	37.1008, 0.3438, 0.5063
Android (android.graphics.Color)	4286166082 (0xFF79B442)
YUV	149.3630, -41.0980, -24.8744
Hunter-Lab	60.9104, -32.7738, 31.9418

# Details

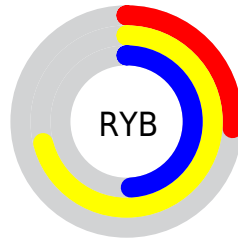
The Hex color **79B442** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7D42B4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B1EC77**, and **437F04** is the 20% darker color. If you saturate the color by 10%, you get **70B430**, and if you desaturate by 10%, it is **82B454**.

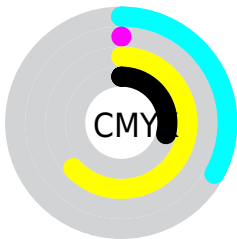
# Distribution



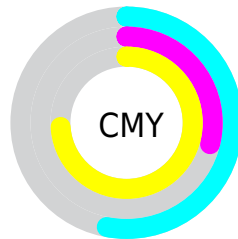
- Red (47%)
- Green (71%)
- Blue (26%)



- Red (26%)
- Yellow (71%)
- Blue (49%)



- Cyan (33%)
- Magenta (0%)
- Yellow (63%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B442 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 79B442 by changing the saturation by 10% instead.





79B442



79B442

FFFFFF



5E9927



B1EC77



437F04



CDFF92



266500



EAFFAD



034D00



FFFFC9



003500



FFFFE6



002100



000000



79B442



79B442



70B430



82B454

 66B41E

 8CB466

 5DB40C

 95B478

 57B400

 9EB48A

 A8B49C

 B1B4AE

 BAB4C0

 C4B4D2

 CDB4E4

# Harmonies

## Analogous

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



B5A525



79B442



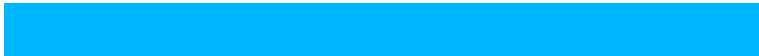
00BC75

# Triad

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



79B442



00B6FF



FF6E99

# Complementary

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



79B442



7D42B4

# 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.



F378D2



79B442



3FA6FF

# Square

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



79B442



00BEE7



B88FFF



FF7A62

# Rectangle

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



79B442



00BF9C



B88FFF



FF6FAC



# Sweetspot

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



79B442



D4EBBE



B47D42



67755A



F5F5F5



757575



# Same Dimension

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



79B442



8EEB38



42B444



555950



4A9900



0C1A00



# Inverse Universe

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



7D42B4



9538EB



B442B2



555059



4F0099



0D001A



# Previews

## White Background



This preview shows how the Hex color 79B442 looks on a white background.

## Color Contrast Check

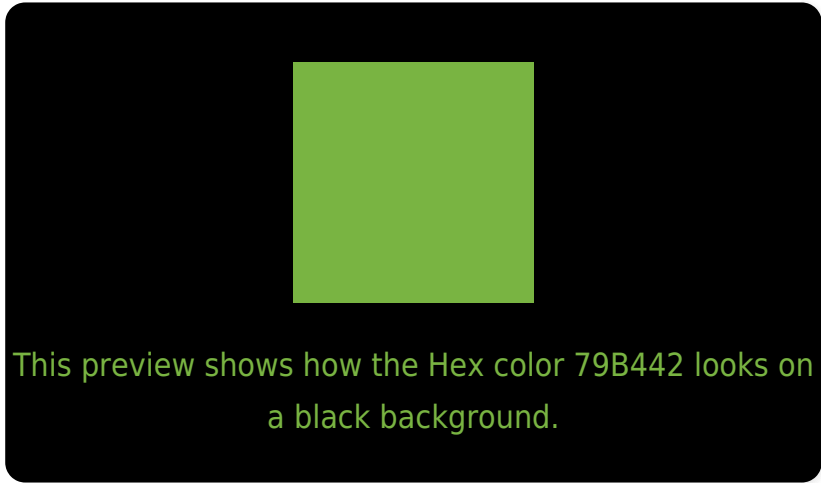
Large Text (above 18pt) WCAG AA × Fail

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 79B442 Background



This preview shows how black text looks on a background with the Hex color 79B442.

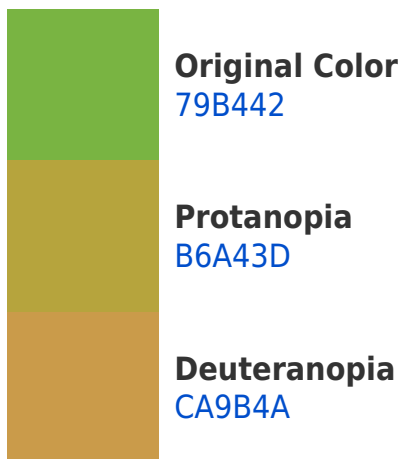


This preview shows how white text looks on a background with the Hex color 79B442.

# 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](#).

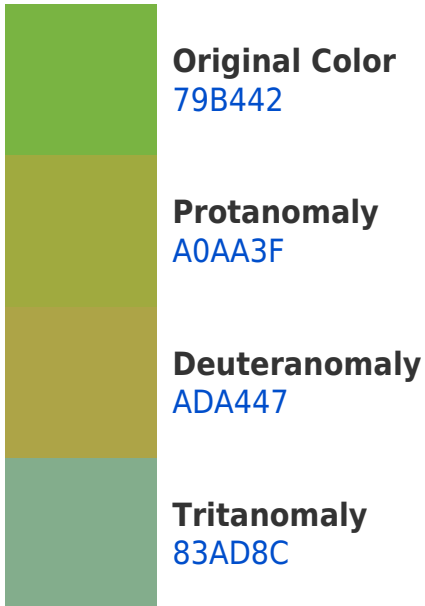
## Dichromacy



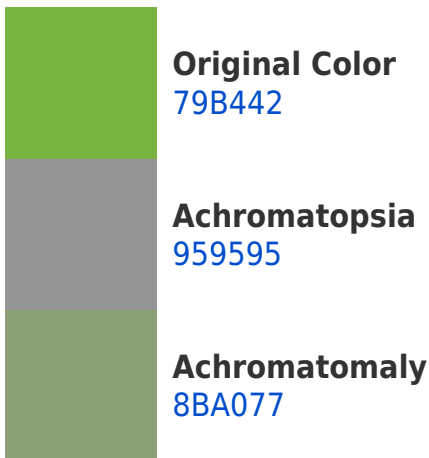


**Tritanopia**  
89A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B442 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 #79B442 looks like.

```
.text, #text, p{  
    color:#79B442  
}
```

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 #79B442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B442
}
```

## Border

The CSS property to change the border of an element to Hex 79B442 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
#79B442 }
```

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

```
.border{ border-color:#79B442 }
```

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

Here you see how a box with a 4 pixel #79B442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B442; -webkit-box-shadow:4px 4px  
4px 4px #79B442; box-shadow:4px 4px 4px  
4px #79B442 }
```

# Background

The CSS property to change the background color of an element to Hex 79B442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B442 }
```

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

```
.background{ background-color:#79B442 }
```

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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