

# Converting Colors

Hex(79B048)

Have a look what the booklet for  
Hex(79B048) contains.

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**Color**

**Hex(79B048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79B048
RGB	121, 176, 72
RGB Percent	47%, 69%, 28%
CMY	0.5255, 0.3098, 0.7176
CMYK	0.31, 0.00, 0.59, 0.31
HSL	92°, 42%, 49%
HSV	92°, 59%, 69%
XYZ	24.5802, 35.5835, 11.7037
YIQ	147.6990, 0.6040, -44.0040

# Conversions

## Conversions Part 2

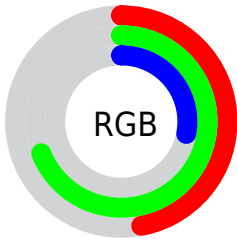
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 176, 127
Decimal	7974984
CIELab	66.20, -35.76, 46.63
CIELCh	66, 58.762, 127.481
Yxy	35.5835, 0.3420, 0.4951
Android (android.graphics.Color)	4286165064 (0xFF79B048)
YUV	147.6990, -37.3196, -23.4150
Hunter-Lab	59.6519, -30.8380, 30.1237

# Details

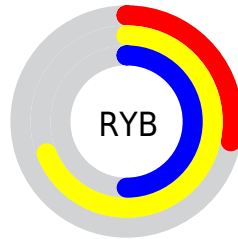
The Hex color **79B048** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F48B0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B0E87C**, and **447B12** is the 20% darker color. If you saturate the color by 10%, you get **70B036**, and if you desaturate by 10%, it is **82B05A**.

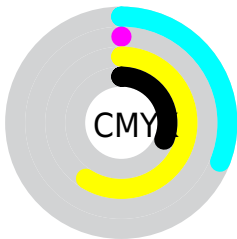
# Distribution



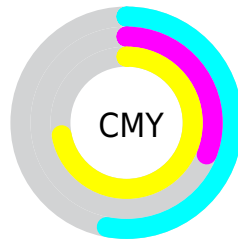
- Red (47%)
- Green (69%)
- Blue (28%)



- Red (28%)
- Yellow (69%)
- Blue (50%)



- Cyan (31%)
- Magenta (0%)
- Yellow (59%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B048 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 79B048 by changing the saturation by 10% instead.



 79B048

 79B048

FFFFFF

 5E952E

 B0E87C

 447B12

 CDF97

 286200

 EAFFB2

 0A4900

 FFFFCE

 003200

 FFFFEB

 001E00

 000000

 79B048

 79B048

 70B036

 82B05A

 66B025

 8CB06B

 5DB013

 95B07D

 54B002

 9EB08E

 53B000

 A8B0A0

 B1B0B2

 BAB0C3

 C3B0D5

 CDB0E6

# Harmonies

## Analogous

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



B1A32F



79B048



0CB876

# Triad

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



79B048



00B1FF



FF7196

# Complementary

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



79B048



7F48B0

# 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.



EB79CA



79B048



4FA2FF

# Square

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



79B048



00B9E0



B58DF5



FB7B63

# Rectangle

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



79B048



00BA9B



B58DF5



FD71A8



# Sweetspot

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



79B048



D0E6BC



B07E48



65735A



F2F2F2



737373



# Same Dimension

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



79B048



8FE643



48B04A



555950



489900



0C1A00



# Inverse Universe

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



7F48B0



9943E6



B048AE



555059



510099



0D001A



# Previews

## White Background



This preview shows how the Hex color 79B048 looks on a white background.

## Color Contrast Check

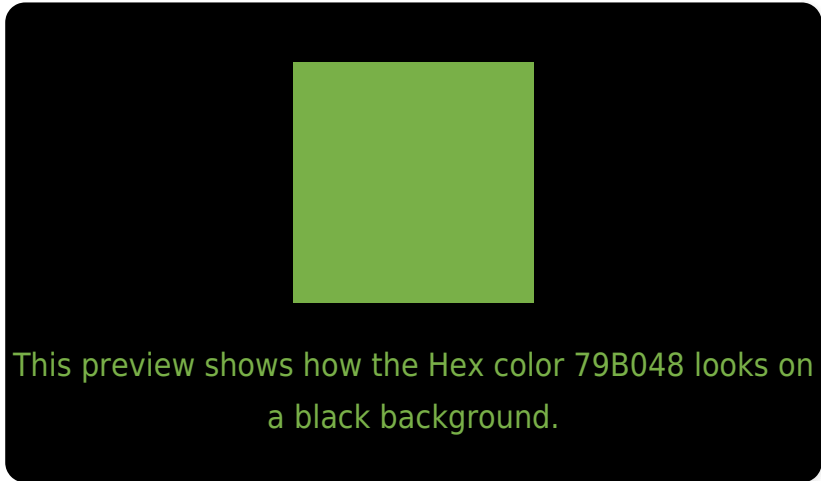
Large Text (above 18pt) WCAG AA × Fail

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 79B048 Background



This preview shows how black text looks on a background with the Hex color 79B048.



This preview shows how white text looks on a background with the Hex color 79B048.

# 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**  
88A5B2

# Trichromacy



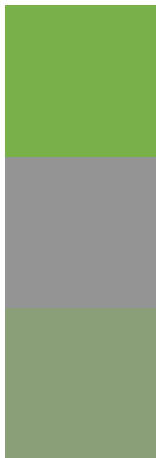
**Original Color**  
79B048

**Protanomaly**  
9DA645

**Deuteranomaly**  
A9A14C

**Tritanomaly**  
83A98B

# Monochromacy



**Original Color**  
79B048

**Achromatopsia**  
949494

**Achromatomaly**  
8A9E78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B048 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 #79B048 looks like.

```
.text, #text, p{  
    color:#79B048  
}
```

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 #79B048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B048
}
```

## Border

The CSS property to change the border of an element to Hex 79B048 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
#79B048 }
```

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

```
.border{ border-color:#79B048 }
```

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

Here you see how a box with a 4 pixel #79B048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B048; -webkit-box-shadow:4px 4px  
4px 4px #79B048; box-shadow:4px 4px 4px  
4px #79B048 }
```

# Background

The CSS property to change the background color of an element to Hex 79B048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B048 }
```

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

```
.background{ background-color:#79B048 }
```

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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