

# Converting Colors

Hex(79AB18)

Have a look what the booklet for  
Hex(79AB18) contains.

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**Color**

**Hex(79AB18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79AB18
RGB	121, 171, 24
RGB Percent	47%, 67%, 9%
CMY	0.5255, 0.3294, 0.9059
CMYK	0.29, 0.00, 0.86, 0.33
HSL	80°, 75%, 38%
HSV	80°, 86%, 67%
XYZ	22.6129, 33.2567, 6.0915
YIQ	139.2920, 17.3870, -56.3170

# Conversions

## Conversions Part 2

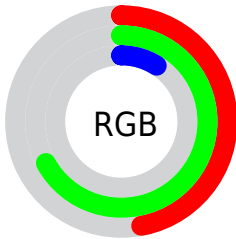
Format	Color
<a href="#">RYB</a>	<a href="#">24, 171, 74</a>
Decimal	<a href="#">7973656</a>
CIELab	<a href="#">64.37, -36.59, 62.07</a>
CIELCh	<a href="#">64, 72.058, 120.521</a>
Yxy	<a href="#">33.2567, 0.3650, 0.5367</a>
Android (android.graphics.Color)	<a href="#">4286163736 (0xFF79AB18)</a>
YUV	<a href="#">139.2920, -56.8390, -16.0421</a>
Hunter-Lab	<a href="#">57.6686, -30.9270, 34.1053</a>

# Details

The Hex color **79AB18** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4A18AB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B1E355**, and **427600** is the 20% darker color. If you saturate the color by 10%, you get **73AB07**, and if you desaturate by 10%, it is **7FAB29**.

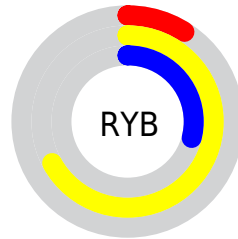
# Distribution



Red (47%)

Green (67%)

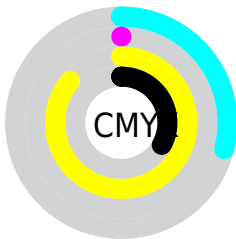
Blue (9%)



Red (9%)

Yellow (67%)

Blue (29%)

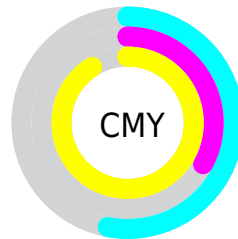


Cyan (29%)

Magenta (0%)

Yellow (86%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79AB18 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 79AB18 by changing the saturation by 10% instead.



 79AB18

 79AB18

FFFFFF

 5D9000

 B1E355

 427600

 CEFF70

 265D00

 ECFF8C

 004500

 FFFFA8

 002E00

 FFFFC4

 001800

 FFFFE1

 000000

 79AB18

 79AB18

 73AB07

 7FAB29

 71AB00

 85AB3A

 8AAB4B

 90AB5C

 96AB6D

 9CAB7F

 A2AB90

 A8ABA1

 ADABB2

# Harmonies

## Analogous

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



B99A00



79AB18



00B559

# Triad

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



79AB18



00B3FF



FF599E

# Complementary

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



79AB18



4A18AB

# 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.



E96CDC



79AB18



00A3FF

# Square

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



79AB18



00B9DC



9A8AFF



FF645F

# Rectangle

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



79AB18



00B885



9A8AFF



FF5CB3



# Sweetspot

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



79AB18



CADEA4



AB4918



64704D



F0F0F0



707070



# Same Dimension

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



79AB18



92DE00



30AB18



54574E



639600



0F1700



# Inverse Universe

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



4A18AB



4B00DE



9318AB



514E57



330096



080017



# Previews

## White Background



This preview shows how the Hex color 79AB18 looks on a white background.

## Color Contrast Check

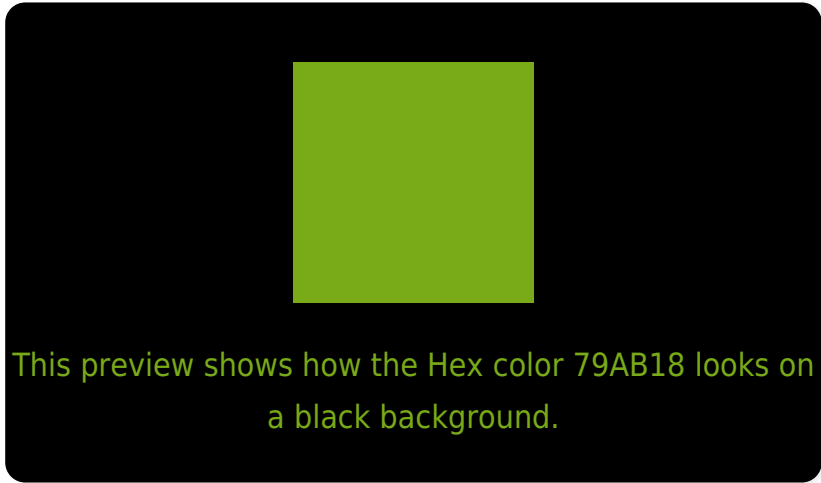
Large Text (above 18pt) WCAG AA × Fail

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 79AB18 Background



This preview shows how black text looks on a background with the Hex color 79AB18.



This preview shows how white text looks on a background with the Hex color 79AB18.

# 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



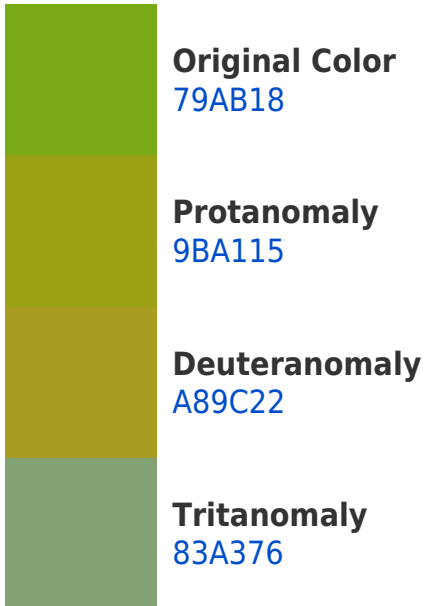
**Original Color**  
79AB18

**Protanopia**  
AF9C13

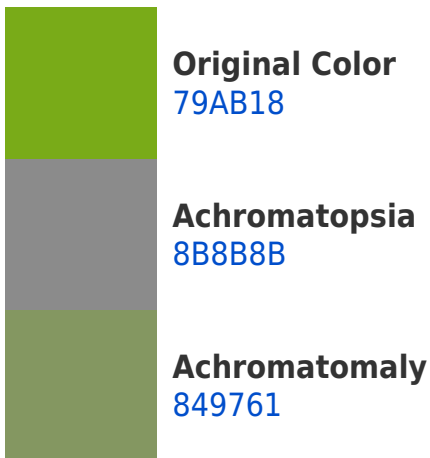
**Deuteranopia**  
C39427



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79AB18 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 #79AB18 looks like.

```
.text, #text, p{  
    color:#79AB18  
}
```

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 #79AB18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79AB18  
}
```

## Border

The CSS property to change the border of an element to Hex 79AB18 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  
#79AB18 }
```

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

```
.border{ border-color:#79AB18 }
```

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

Here you see how a box with a 4 pixel #79AB18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79AB18; -webkit-box-shadow:4px 4px  
4px 4px #79AB18; box-shadow:4px 4px 4px  
4px #79AB18 }
```

# Background

The CSS property to change the background color of an element to Hex 79AB18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79AB18 }
```

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

```
.background{ background-color:#79AB18 }
```

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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