

Converting Colors

Hex(799F1B)

Have a look what the booklet for
Hex(799F1B) contains.

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Color

Hex(799F1B)

Conversions

Conversions Part 1

Format	Color
Hex	799F1B
RGB	121, 159, 27
RGB Percent	47%, 62%, 11%
CMY	0.5255, 0.3765, 0.8941
CMYK	0.24, 0.00, 0.83, 0.38
HSL	77°, 71%, 36%
HSV	77°, 83%, 62%
XYZ	20.4811, 28.9404, 5.5435
YIQ	132.5900, 19.7240, -49.1080

Conversions

Conversions Part 2

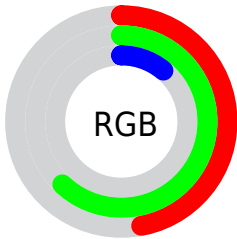
Format	Color
R_{YB}	27, 159, 65
Decimal	7970587
CIE Lab	60.73, -30.97, 58.17
CIE LCh	61, 65.895, 118.031
Yxy	28.9404, 0.3726, 0.5265
Android (android.graphics.Color)	4286160667 (0xFF799F1B)
YUV	132.5900, -52.0559, -10.1644
Hunter-Lab	53.7962, -26.1855, 31.5478

Details

The Hex color **799F1B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **411B9F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B1D655**, and **436B00** is the 20% darker color. If you saturate the color by 10%, you get **749F0B**, and if you desaturate by 10%, it is **7E9F2B**.

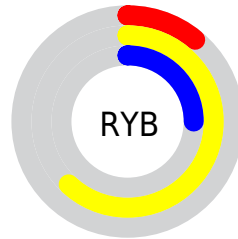
Distribution



Red (47%)

Green (62%)

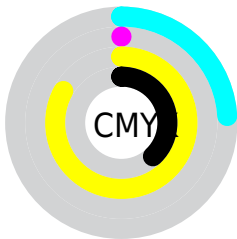
Blue (11%)



Red (11%)

Yellow (62%)

Blue (25%)

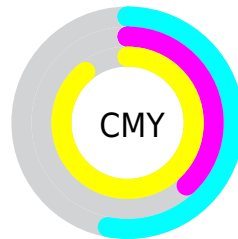


Cyan (24%)

Magenta (0%)

Yellow (83%)

Black (38%)



Cyan (53%)

Magenta (38%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799F1B 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 799F1B by changing the saturation by 10% instead.



799F1B



799F1B

FFFFFF



5E8500



B1D655



436B00



CEF270



285300



EBFF8B



073B00



FFFFA7



002600



FFFFC3



000500



FFFFE0



000000



FFFFFFD



799F1B



799F1B

■ 749F0B

■ 7E9F2B

■ 719F00

■ 829F3B

■ 879F4B

■ 8B9F5B

■ 909F6A

■ 949F7A

■ 999F8A

■ 9E9F9A

■ A29FAA

Harmonies

Analogous

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



B28E00



799F1B



0DA951

Triad

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



799F1B



00A8F5



F75899

Complementary

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



799F1B



411B9F

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.



D56AD1



799F1B



009BFF

Square

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



799F1B



00ADC8



8A85FA



F75F5F

Rectangle

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



799F1B



00AC78



8A85FA



EF5BAC

Sweetspot

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



799F1B



C0CF9B



9F401B



606949



E8E8E8



696969

Same Dimension

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



799F1B



93CF00



389F1B



4D4F47



668F00



0B0F00

Inverse Universe

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



411B9F



3B00CF



821B9F



49474F



29008F



04000F

Previews

White Background



This preview shows how the Hex color 799F1B looks on a white background.

Color Contrast Check

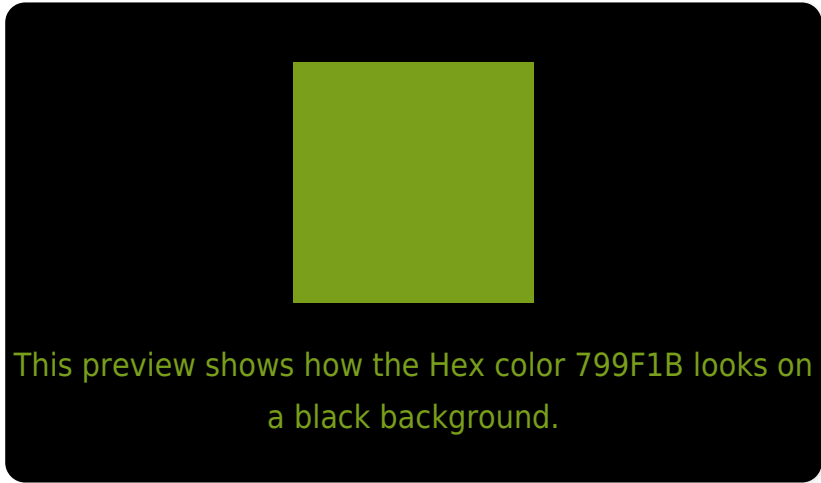
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 799F1B Background



This preview shows how black text looks on a background with the Hex color 799F1B.

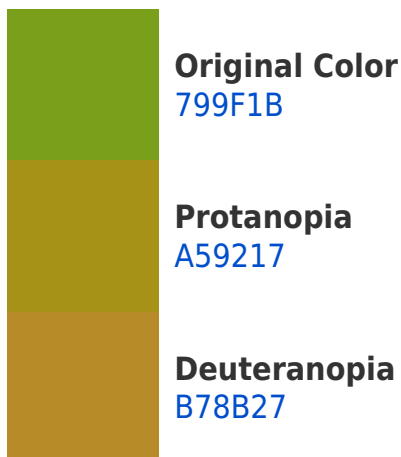


This preview shows how white text looks on a background with the Hex color 799F1B.

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](#).

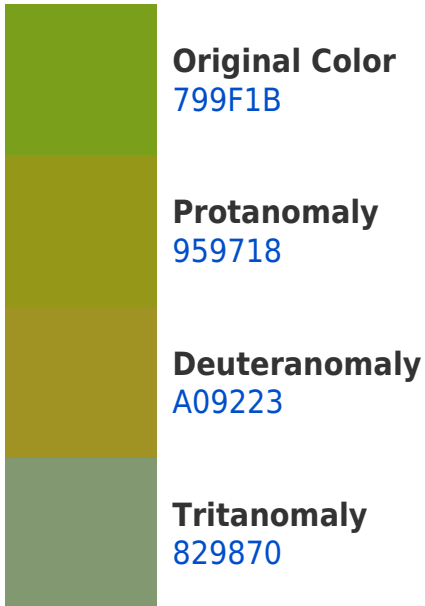
Dichromacy



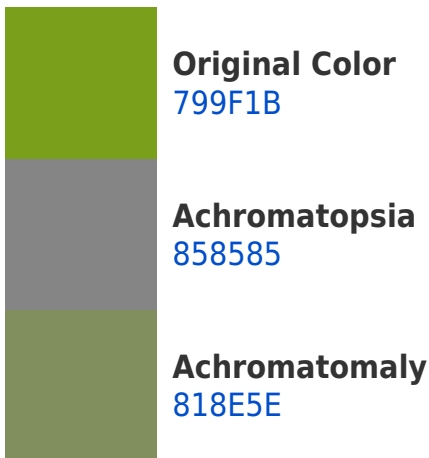


Tritanopia
8794A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799F1B 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 #799F1B looks like.

```
.text, #text, p{  
    color:#799F1B  
}
```

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 #799F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799F1B
}
```

Border

The CSS property to change the border of an element to Hex 799F1B 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
#799F1B }
```

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

```
.border{ border-color:#799F1B }
```

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

Here you see how a box with a 4 pixel #799F1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799F1B; -webkit-box-shadow:4px 4px  
4px 4px #799F1B; box-shadow:4px 4px 4px  
4px #799F1B }
```

Background

The CSS property to change the background color of an element to Hex 799F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799F1B }
```

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

```
.background{ background-color:#799F1B }
```

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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