

Converting Colors

Hex(778C1B)

Have a look what the booklet for
Hex(778C1B) contains.

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Color

Hex(778C1B)

Conversions

Conversions Part 1

Format	Color
Hex	778C1B
RGB	119, 140, 27
RGB Percent	47%, 55%, 11%
CMY	0.5333, 0.4510, 0.8941
CMYK	0.15, 0.00, 0.81, 0.45
HSL	71°, 68%, 33%
HSV	71°, 81%, 55%
XYZ	17.1837, 22.7572, 4.5238
YIQ	120.8390, 23.7570, -39.5950

Conversions

Conversions Part 2

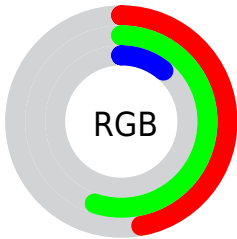
Format	Color
R_{YB}	27, 140, 48
Decimal	7834651
CIE _{Lab}	54.82, -22.54, 52.84
CIE _{LCh}	55, 57.443, 113.104
Yxy	22.7572, 0.3865, 0.5118
Android (android.graphics.Color)	4286024731 (0xFF778C1B)
YUV	120.8390, -46.2626, -1.6128
Hunter-Lab	47.7045, -19.1854, 27.7707

Details

The Hex color **778C1B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **301B8C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AEC252**, and **425A00** is the 20% darker color. If you saturate the color by 10%, you get **748C0D**, and if you desaturate by 10%, it is **7A8C29**.

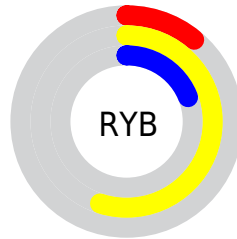
Distribution



Red (47%)

Green (55%)

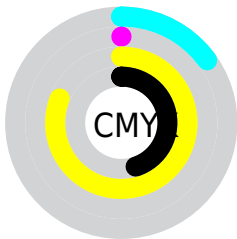
Blue (11%)



Red (11%)

Yellow (55%)

Blue (19%)

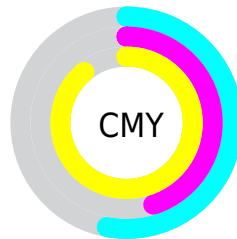


Cyan (15%)

Magenta (0%)

Yellow (81%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 778C1B 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 778C1B by changing the saturation by 10% instead.

 778C1B

 778C1B

FFFFFF

 5C7200

 AEC252

 425A00

 CBDD6C

 294200

 E8FA87

 0E2C00

 FFFFA2

 001900

 FFFFBE

 000000

 FFFFDB

 FFFFF8

 778C1B

 778C1B

■ 748C0D

■ 7A8C29

■ 728C00

■ 7C8C37

■ 7F8C45

■ 818C53

■ 848C61

■ 878C6F

■ 898C7D

■ 8C8C8B

■ 8E8C99

Harmonies

Analogous

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



A67D12



778C1B



349544

Triad

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



778C1B



0097D2



D75491

Complementary

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



778C1B



301B8C

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.



B465C0



778C1B



008CE6

Square

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



778C1B



009BA9



6E7BDF



DC565F

Rectangle

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



778C1B



009964



6E7BDF



CE58A1

Sweetspot

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



778C1B



ADB58A



8C301B



575C41



DBDBDB



5C5C5C

Same Dimension

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



778C1B



94B505



3F8C1B



44453E



6C8500



040500

Inverse Universe

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



301B8C



2605B5



681B8C



3F3E45



190085



010005

Previews

White Background



This preview shows how the Hex color 778C1B looks on a white background.

Color Contrast Check

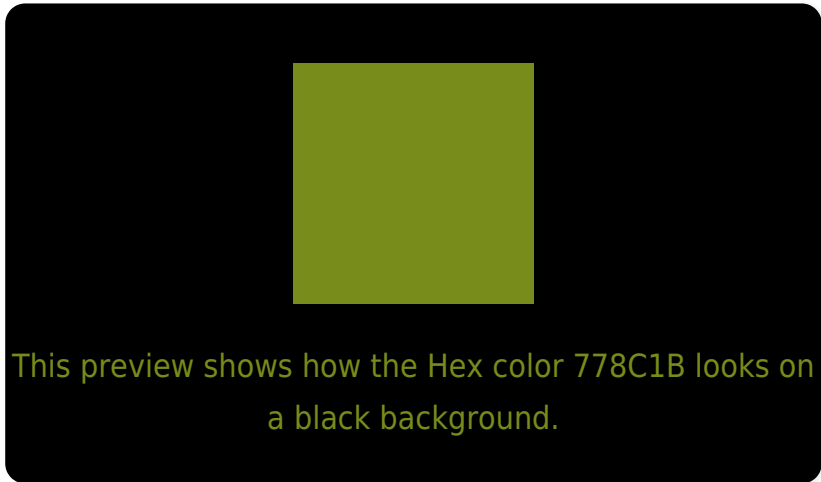
Large Text (above 18pt) WCAG AA ✓ Pass

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 778C1B Background



This preview shows how black text looks on a background with the Hex color 778C1B.



This preview shows how white text looks on a background with the Hex color 778C1B.

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
778C1B

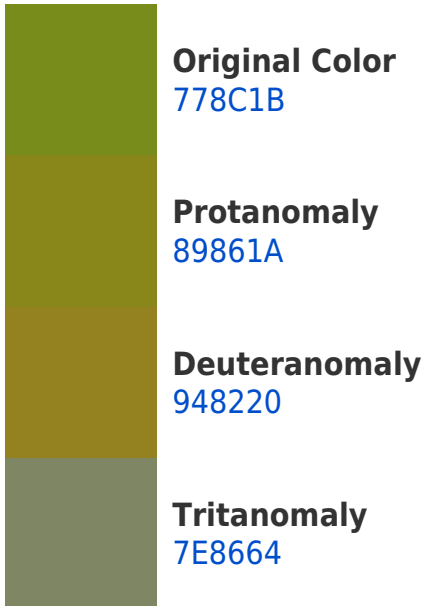
Protanopia
938319

Deuteranopia
A47C23

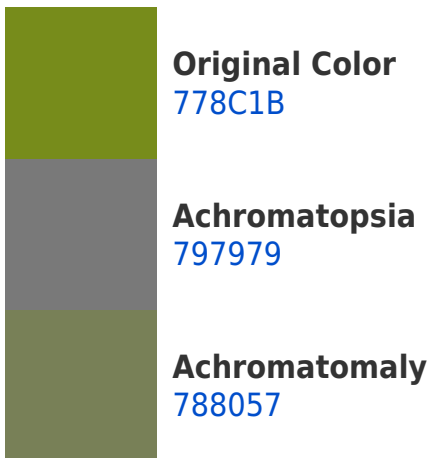


Tritanopia
82828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 778C1B 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 #778C1B looks like.

```
.text, #text, p{  
    color:#778C1B  
}
```

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 #778C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778C1B
}
```

Border

The CSS property to change the border of an element to Hex 778C1B 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
#778C1B }
```

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

```
.border{ border-color:#778C1B }
```

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

Here you see how a box with a 4 pixel #778C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778C1B; -webkit-box-shadow:4px 4px  
4px 4px #778C1B; box-shadow:4px 4px 4px  
4px #778C1B }
```

Background

The CSS property to change the background color of an element to Hex 778C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778C1B }
```

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

```
.background{ background-color:#778C1B }
```

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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