

Converting Colors

Hex(748C1B)

Have a look what the booklet for
Hex(748C1B) contains.

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Color

Hex(748C1B)

Conversions

Conversions Part 1

Format	Color
Hex	748C1B
RGB	116, 140, 27
RGB Percent	45%, 55%, 11%
CMY	0.5451, 0.4510, 0.8941
CMYK	0.17, 0.00, 0.81, 0.45
HSL	73°, 68%, 33%
HSV	73°, 81%, 55%
XYZ	16.7784, 22.5483, 4.5049
YIQ	119.9420, 21.9690, -40.2310

Conversions

Conversions Part 2

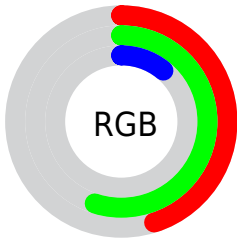
Format	Color
RYB	27, 140, 51
Decimal	7638043
CIELab	54.60, -23.84, 52.56
CIElCh	55, 57.714, 114.403
Yxy	22.5483, 0.3828, 0.5144
Android (android.graphics.Color)	4285828123 (0xFF748C1B)
YUV	119.9420, -45.8204, -3.4571
Hunter-Lab	47.4851, -20.0276, 27.6148

Details

The Hex color **748C1B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **331B8C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ABC252**, and **405A00** is the 20% darker color. If you saturate the color by 10%, you get **718C0D**, and if you desaturate by 10%, it is **778C29**.

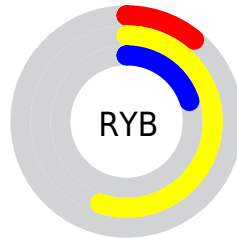
Distribution



Red (45%)

Green (55%)

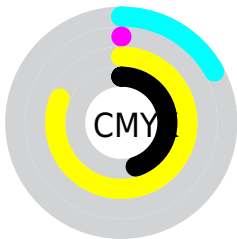
Blue (11%)



Red (11%)

Yellow (55%)

Blue (20%)

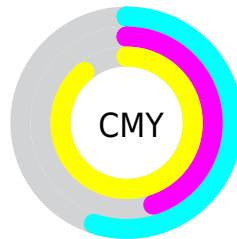


Cyan (17%)

Magenta (0%)

Yellow (81%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748C1B 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 748C1B by changing the saturation by 10% instead.



748C1B



748C1B

FFFFFF



597200



ABC252



405A00



C7DD6C



264200



E4FA87



092C00



FFFFA2



001900



FFFFBE



000000



FFFFDB



FFFFF8



748C1B



748C1B

■ 718C0D

■ 778C29

■ 6E8C00

■ 7A8C37

■ 7D8C45

■ 808C53

■ 838C61

■ 868C6F

■ 898C7D

■ 8C8C8B

■ 8F8C99

Harmonies

Analogous

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



A47D0F



748C1B



2E9545

Triad

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



748C1B



0096D3



D7538E

Complementary

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



748C1B



331B8C

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.



B663BD



748C1B



008BE6

Square

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



748C1B



009AAA



7179DE



DB565C

Rectangle

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



748C1B



009966



7179DE



CF569F

Sweetspot

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



748C1B



ACB58A



8C321B



565C41



DBDBDB



5C5C5C

Same Dimension

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



748C1B



90B505



3D8C1B



43453E



688500



040500

Inverse Universe

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



331B8C



2B05B5



6A1B8C



3F3E45



1C0085



010005

Previews

White Background



This preview shows how the Hex color 748C1B looks on a white background.

Color Contrast Check

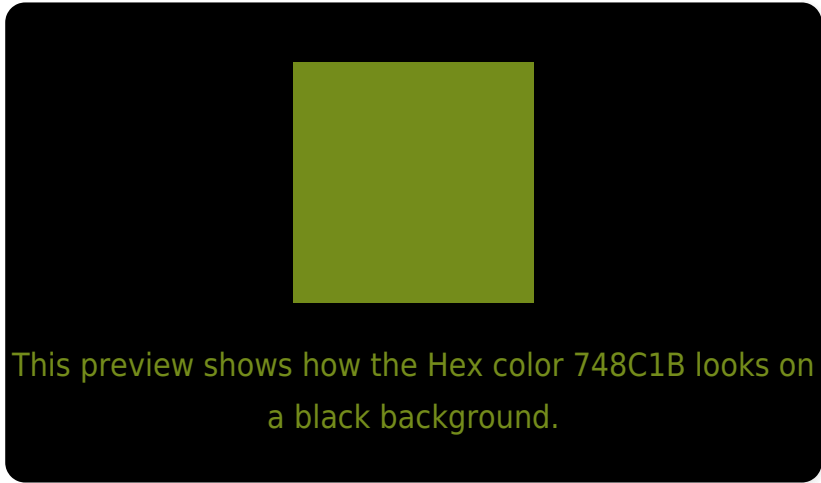
Large Text (above 18pt) WCAG AA ✓ Pass

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 748C1B Background



This preview shows how black text looks on a background with the Hex color 748C1B.



This preview shows how white text looks on a background with the Hex color 748C1B.

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](#).

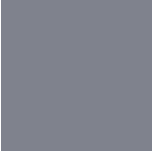
Dichromacy



Original Color
748C1B

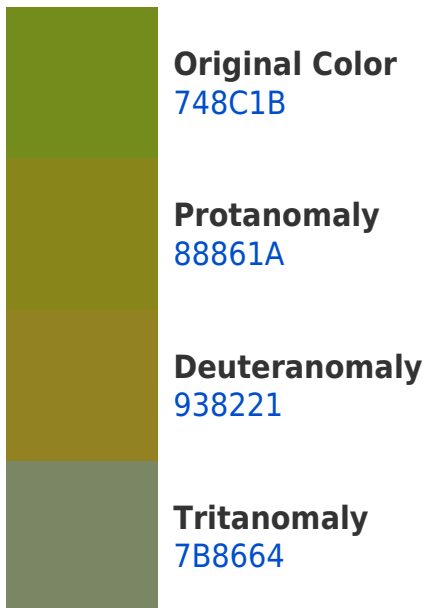
Protanopia
938319

Deuteranopia
A47C24

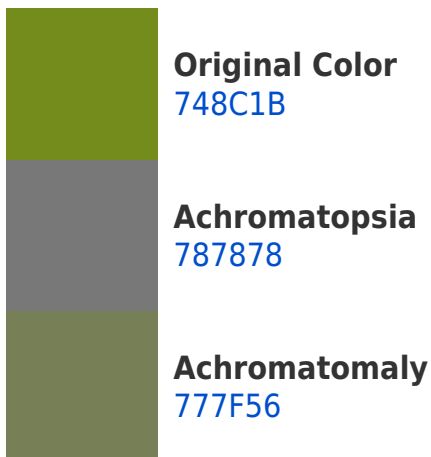


Tritanopia
7F828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 748C1B 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 #748C1B looks like.

```
.text, #text, p{  
    color:#748C1B  
}
```

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 #748C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748C1B
}
```

Border

The CSS property to change the border of an element to Hex 748C1B 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
#748C1B }
```

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

```
.border{ border-color:#748C1B }
```

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

Here you see how a box with a 4 pixel #748C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748C1B; -webkit-box-shadow:4px 4px  
4px 4px #748C1B; box-shadow:4px 4px 4px  
4px #748C1B }
```

Background

The CSS property to change the background color of an element to Hex 748C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748C1B }
```

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

```
.background{ background-color:#748C1B }
```

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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