

Converting Colors

Hex(4B8D2C)

Have a look what the booklet for
Hex(4B8D2C) contains.

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Color

Hex(4B8D2C)

Conversions

Conversions Part 1

Format	Color
Hex	4B8D2C
RGB	75, 141, 44
RGB Percent	29%, 55%, 17%
CMY	0.7059, 0.4471, 0.8275
CMYK	0.47, 0.00, 0.69, 0.45
HSL	101°, 52%, 36%
HSV	101°, 69%, 55%
XYZ	12.8811, 20.7275, 5.7048
YIQ	110.2080, -8.1990, -44.1590

Conversions

Conversions Part 2

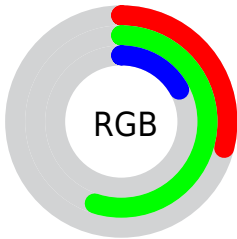
Format	Color
RYB	44, 141, 110
Decimal	4951340
CIELab	52.65, -39.08, 43.52
CIElCh	53, 58.492, 131.918
Yxy	20.7275, 0.3277, 0.5272
Android (android.graphics.Color)	4283141420 (0xFF4B8D2C)
YUV	110.2080, -32.6405, -30.8774
Hunter-Lab	45.5274, -29.1697, 24.4399

Details

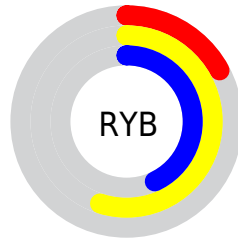
The Hex color **4B8D2C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E2C8D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81C35F**, and **0E5A00** is the 20% darker color. If you saturate the color by 10%, you get **418D1E**, and if you desaturate by 10%, it is **558D3A**.

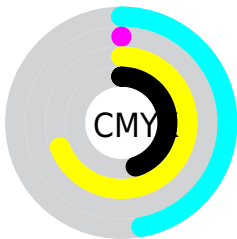
Distribution



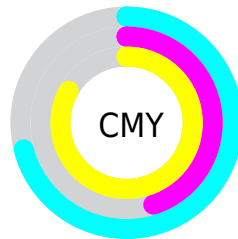
- Red (29%)
- Green (55%)
- Blue (17%)



- Red (17%)
- Yellow (55%)
- Blue (43%)



- Cyan (47%)
- Magenta (0%)
- Yellow (69%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B8D2C 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 4B8D2C by changing the saturation by 10% instead.



4B8D2C



4B8D2C

FFFFFF



2F7310



81C35F



0E5A00



9DDF79



004200



B9FC93



002B00



D5FFAF



001100



F3FFCB



000000



FFFFE7



4B8D2C



4B8D2C



418D1E



558D3A

■ 388D10

■ 5E8D48

■ 2E8D02

■ 688D56

■ 2D8D00

■ 718D64

■ 7B8D73

■ 858D81

■ 8E8D8F

■ 988D9D

■ A18DAB

Harmonies

Analogous

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



848201



4B8D2C



00935D

Triad

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



4B8D2C



008CDD



D84B6C

Complementary

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



4B8D2C



6E2C8D

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.



C8519E



4B8D2C



347DE0

Square

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



4B8D2C



0093C0



9967C9



CD5B3D

Rectangle

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



4B8D2C



00957F



9967C9



D64B7D

Sweetspot

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



4B8D2C



9DB891



8D6D2C



4C5C45



DBDBDB



5C5C5C

Same Dimension

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



4B8D2C



50B81F



2C8D3C



434740



2B8700



020800

Inverse Universe

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



6E2C8D



871FB8



8D2C7D



454047



5C0087



050008

Previews

White Background



This preview shows how the Hex color 4B8D2C looks on a white background.

Color Contrast Check

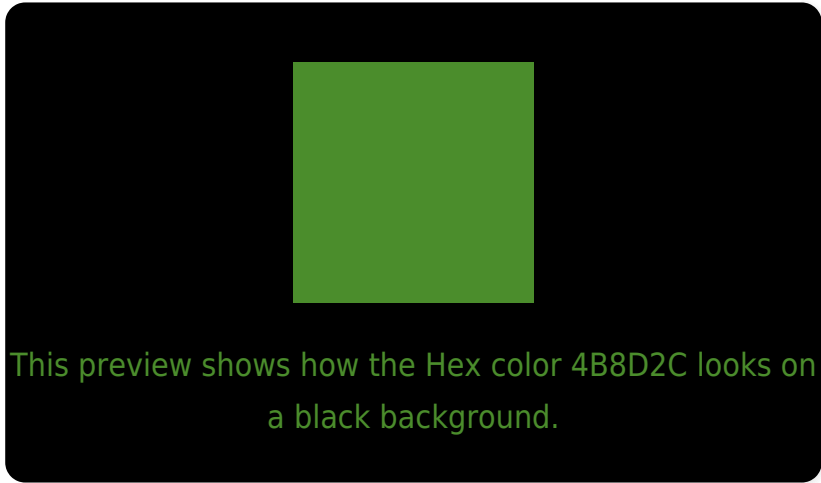
Large Text (above 18pt) WCAG AA ✓ Pass

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

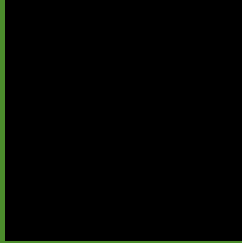
Any Text WCAG AA ✓ Pass

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 4B8D2C Background



This preview shows how black text looks on a background with the Hex color 4B8D2C.



This preview shows how white text looks on a background with the Hex color 4B8D2C.

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
4B8D2C

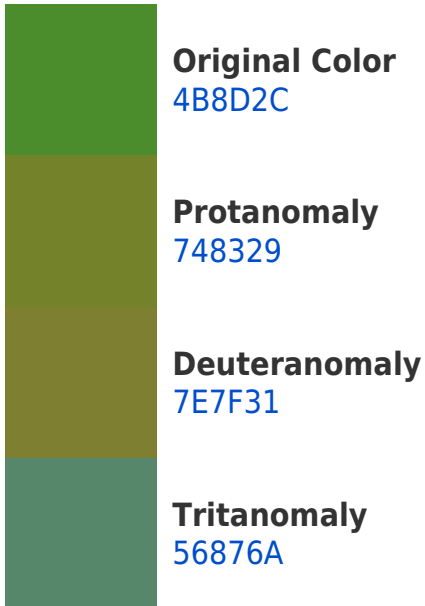
Protanopia
8C7D28

Deuteranopia
9B7734

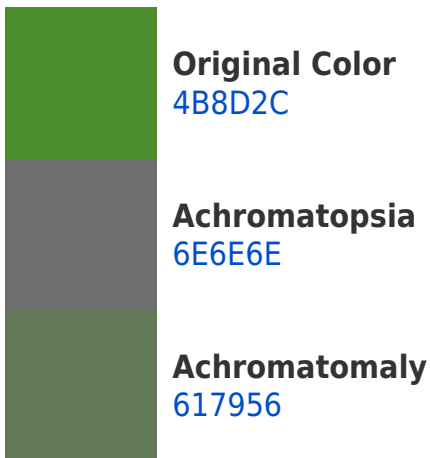


Tritanopia
5C848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8D2C 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 #4B8D2C looks like.

```
.text, #text, p{  
    color:#4B8D2C  
}
```

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 #4B8D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8D2C  
}
```

Border

The CSS property to change the border of an element to Hex 4B8D2C 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  
#4B8D2C }
```

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

```
.border{ border-color:#4B8D2C }
```

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

Here you see how a box with a 4 pixel #4B8D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8D2C; -webkit-box-shadow:4px 4px  
4px 4px #4B8D2C; box-shadow:4px 4px 4px  
4px #4B8D2C }
```

Background

The CSS property to change the background color of an element to Hex 4B8D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8D2C }
```

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

```
.background{ background-color:#4B8D2C }
```

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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