

Converting Colors

Hex(84951C)

Have a look what the booklet for
Hex(84951C) contains.

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Color

Hex(84951C)

Conversions

Conversions Part 1

Format	Color
Hex	84951C
RGB	132, 149, 28
RGB Percent	52%, 58%, 11%
CMY	0.4824, 0.4157, 0.8902
CMYK	0.11, 0.00, 0.81, 0.42
HSL	68°, 68%, 35%
HSV	68°, 81%, 58%
XYZ	20.4728, 26.4843, 5.1316
YIQ	130.1230, 28.7090, -41.2350

Conversions

Conversions Part 2

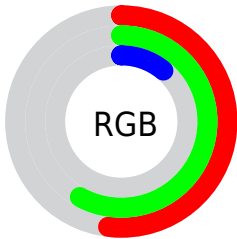
Format	Color
R_{YB}	28, 149, 45
Decimal	8688924
CIE _{Lab}	58.49, -21.37, 56.20
CIE _{LCh}	58, 60.123, 110.825
Yxy	26.4843, 0.3930, 0.5084
Android (android.graphics.Color)	4286879004 (0xFF84951C)
YUV	130.1230, -50.3466, 1.6461
Hunter-Lab	51.4629, -19.0498, 30.1120

Details

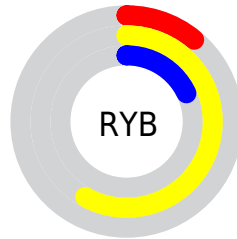
The Hex color **84951C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2D1C95**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BCCB54**, and **4E6200** is the 20% darker color. If you saturate the color by 10%, you get **82950D**, and if you desaturate by 10%, it is **86952B**.

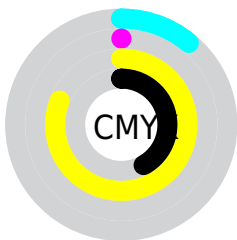
Distribution



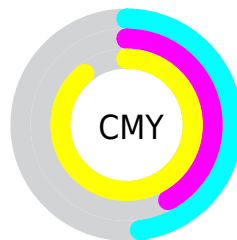
- Red (52%)
- Green (58%)
- Blue (11%)



- Red (11%)
- Yellow (58%)
- Blue (18%)



- Cyan (11%)
- Magenta (0%)
- Yellow (81%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84951C 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 84951C by changing the saturation by 10% instead.



84951C



84951C

FFFFFF



697B00



BCCB54



4E6200



D9E76F



354A00



F6FF8A



1A3400



FFFFA5



001F00



FFFFC1



000000



FFFFDE



FFFFFB



84951C



84951C

■ 82950D

■ 86952B

■ 809500

■ 88953A

■ 8A9549

■ 8C9558

■ 8E9567

■ 919575

■ 939584

■ 959593

■ 9795A2

Harmonies

Analogous

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



B58417



84951C



419F46

Triad

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



84951C



00A2DE



E35C9F

Complementary

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



84951C



2D1C95

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.



BC6ED0



84951C



0097F5

Square

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



84951C



00A6B1



6E85F0



EB5C6A

Rectangle

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



84951C



00A368



6E85F0



DA60B1

Sweetspot

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



84951C



BBC293



952C1C



5D6145



E0E0E0



616161

Same Dimension

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



84951C



A7C206



48951C



494A43



768A00



090A00

Inverse Universe

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



2D1C95



2006C2



691C95



44434A



13008A



01000A

Previews

White Background



This preview shows how the Hex color 84951C looks on a white background.

Color Contrast Check

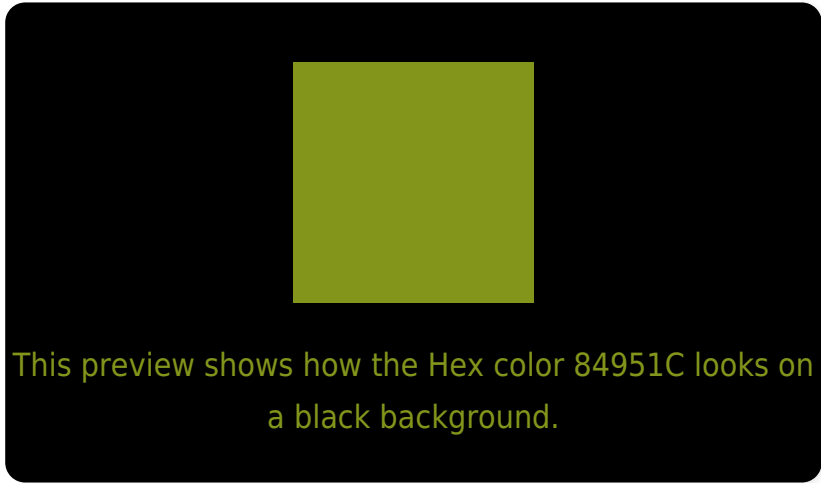
Large Text (above 18pt) WCAG AA ✓ Pass

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 84951C Background



This preview shows how black text looks on a background with the Hex color 84951C.

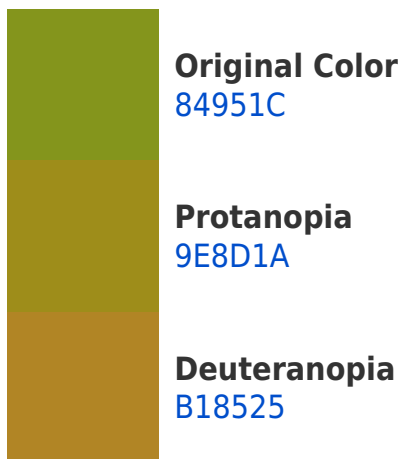


This preview shows how white text looks on a background with the Hex color 84951C.

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](#).

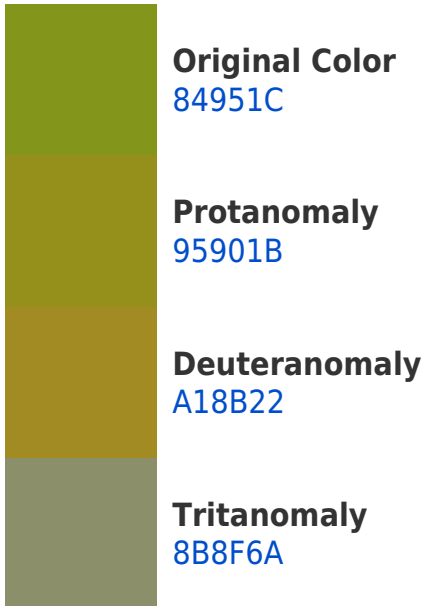
Dichromacy





Tritanopia
8F8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84951C 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 #84951C looks like.

```
.text, #text, p{  
    color:#84951C  
}
```

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 #84951C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84951C
}
```

Border

The CSS property to change the border of an element to Hex 84951C 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
#84951C }
```

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

```
.border{ border-color:#84951C }
```

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

Here you see how a box with a 4 pixel #84951C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84951C; -webkit-box-shadow:4px 4px  
4px 4px #84951C; box-shadow:4px 4px 4px  
4px #84951C }
```

Background

The CSS property to change the background color of an element to Hex 84951C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84951C }
```

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

```
.background{ background-color:#84951C }
```

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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