

# Converting Colors

Hex(849528)

Have a look what the booklet for  
Hex(849528) contains.

<b>Hex(849528)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(849528)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	849528
RGB	132, 149, 40
RGB Percent	52%, 58%, 16%
CMY	0.4824, 0.4157, 0.8431
CMYK	0.11, 0.00, 0.73, 0.42
HSL	69°, 58%, 37%
HSV	69°, 73%, 58%
XYZ	20.6462, 26.5536, 6.0447
YIQ	131.4910, 24.8570, -37.5030

# Conversions

## Conversions Part 2

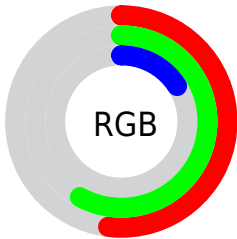
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 149, 57
Decimal	8688936
CIELab	58.56, -20.81, 52.25
CIELCh	59, 56.245, 111.715
Yxy	26.5536, 0.3878, 0.4987
Android (android.graphics.Color)	4286879016 (0xFF849528)
YUV	131.4910, -45.1051, 0.4464
Hunter-Lab	51.5302, -18.6598, 29.1162

# Details

The Hex color **849528** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **392895**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BCCB5D**, and **4F6200** is the 20% darker color. If you saturate the color by 10%, you get **829519**, and if you desaturate by 10%, it is **869537**.

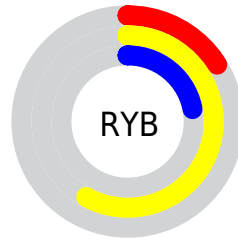
# Distribution



Red (52%)

Green (58%)

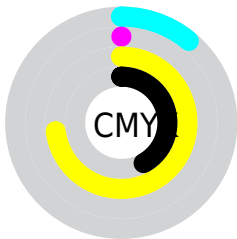
Blue (16%)



Red (16%)

Yellow (58%)

Blue (22%)

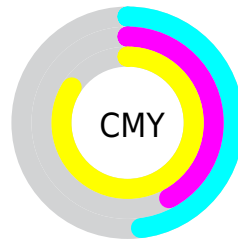


Cyan (11%)

Magenta (0%)

Yellow (73%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849528 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 849528 by changing the saturation by 10% instead.





849528



849528

FFFFFF



697B06



BCCB5D



4F6200



D8E777



364A00



F6FF92



1B3400



FFFFAE



001F00



FFFPCA



000000



FFFPE7



849528



849528



829519



869537

■ 7F950A

■ 899546

■ 7E9500

■ 8B9555

■ 8D9564

■ 909573

■ 929581

■ 949590

■ 97959F

■ 9995AE

# Harmonies

## Analogous

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



B28623



849528



469F4C

# Triad

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



849528



00A0D9



DF609D

# Complementary

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



849528



392895

# 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.



BB70CB



849528



0096EE

# Square

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



849528



00A4B0



7585E9



E6626B

# Rectangle

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



849528



00A36C



7585E9



D764AD



# Sweetspot

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



849528



BBC297



953828



5D6148



E0E0E0



616161



# Same Dimension

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



849528



A7C217



4E9528



494A43



748A00



090A00



# Inverse Universe

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



392895



3217C2



6F2895



44434A



15008A



02000A



# Previews

## White Background



This preview shows how the Hex color 849528 looks on a white background.

## Color Contrast Check

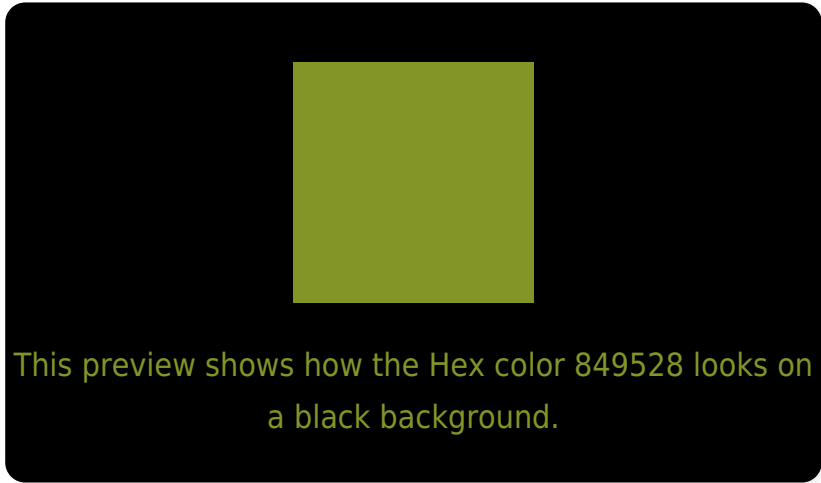
Large Text (above 18pt) WCAG AA ✓ Pass

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 849528 Background



This preview shows how black text looks on a background with the Hex color 849528.



This preview shows how white text looks on a background with the Hex color 849528.

# 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](#).

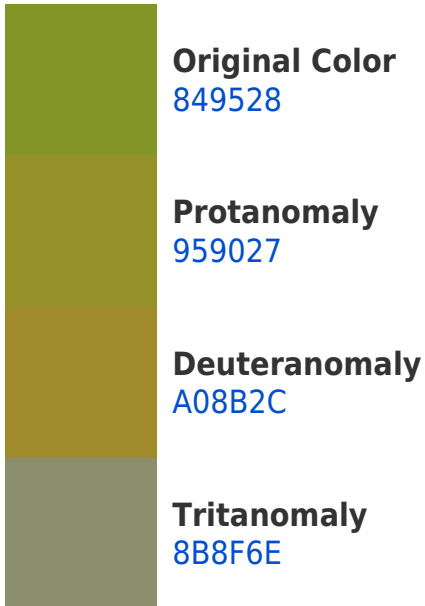
## Dichromacy



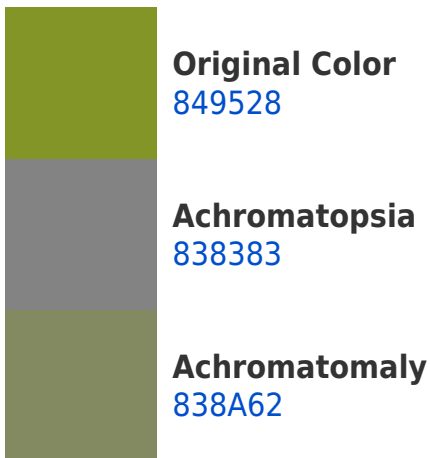


**Tritanopia**  
8F8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849528 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 #849528 looks like.

```
.text, #text, p{  
    color:#849528  
}
```

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 #849528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849528
}
```

## Border

The CSS property to change the border of an element to Hex 849528 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
#849528 }
```

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

```
.border{ border-color:#849528 }
```

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

Here you see how a box with a 4 pixel #849528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849528; -webkit-box-shadow:4px 4px  
4px 4px #849528; box-shadow:4px 4px 4px  
4px #849528 }
```

# Background

The CSS property to change the background color of an element to Hex 849528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849528 }
```

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

```
.background{ background-color:#849528 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor