

# Converting Colors

Hex(84A42B)

Have a look what the booklet for  
Hex(84A42B) contains.

<b>Hex(84A42B)</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(84A42B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A42B
RGB	132, 164, 43
RGB Percent	52%, 64%, 17%
CMY	0.4824, 0.3569, 0.8314
CMYK	0.20, 0.00, 0.74, 0.36
HSL	76°, 58%, 41%
HSV	76°, 74%, 64%
XYZ	23.2272, 31.6309, 7.1667
YIQ	140.6380, 19.7690, -44.4150

# Conversions

## Conversions Part 2

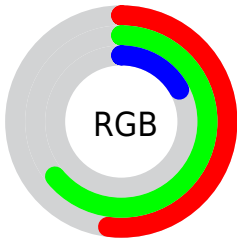
Format	Color
<a href="#">RYB</a>	<a href="#">43, 164, 75</a>
Decimal	<a href="#">8692779</a>
CIELab	<a href="#">63.04, -28.07, 55.52</a>
CIELCh	<a href="#">63, 62.214, 116.825</a>
Yxy	<a href="#">31.6309, 0.3745, 0.5100</a>
Android (android.graphics.Color)	<a href="#">4286882859 (0xFF84A42B)</a>
YUV	<a href="#">140.6380, -48.1355, -7.5755</a>
Hunter-Lab	<a href="#">56.2413, -24.7032, 31.8138</a>

# Details

The Hex color **84A42B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4B2BA4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BCDB61**, and **4E7000** is the 20% darker color. If you saturate the color by 10%, you get **80A41B**, and if you desaturate by 10%, it is **88A43B**.

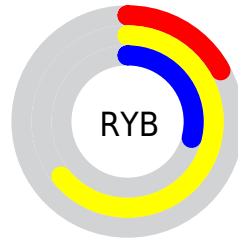
# Distribution



Red (52%)

Green (64%)

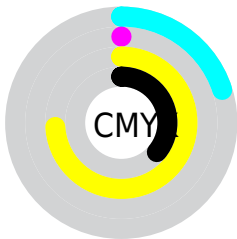
Blue (17%)



Red (17%)

Yellow (64%)

Blue (29%)

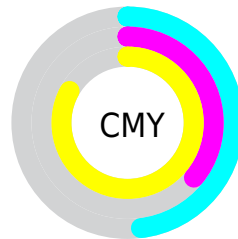


Cyan (20%)

Magenta (0%)

Yellow (74%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A42B 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 84A42B by changing the saturation by 10% instead.





84A42B



84A42B

FFFFFF



698A07



BCDB61



4E7000



D9F87C



355700



F6FF97



184000



FFFFB3



002A00



FFFFCF



001300



FFF FEC



000000



84A42B



84A42B



80A41B



88A43B

 7BA40A

 8DA44C

 79A400

 91A45C

 95A46D

 9AA47D

 9EA48D

 A2A49E

 A7A4AE

 ABA4BF

# Harmonies

## Analogous

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



BA941C



84A42B



33AE59

# Triad

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



84A42B



00ADF4



F864A1

# Complementary

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



84A42B



4B2BA4

# 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.



D674D6



84A42B



00A1FF

# Square

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



84A42B



00B2C9



8E8CFC



FA696A

# Rectangle

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



84A42B



00B17D



8E8CFC



F067B3



# Sweetspot

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



84A42B



CAD6A7



A4492B



646B4F



EBEBEB



6B6B6B



# Same Dimension

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



84A42B



A4D618



49A42B



4F5249



6B9100



0D1200



# Inverse Universe

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



4B2BA4



4A18D6



862BA4



4C4952



260091



050012



# Previews

## White Background



This preview shows how the Hex color 84A42B looks on a white background.

## Color Contrast Check

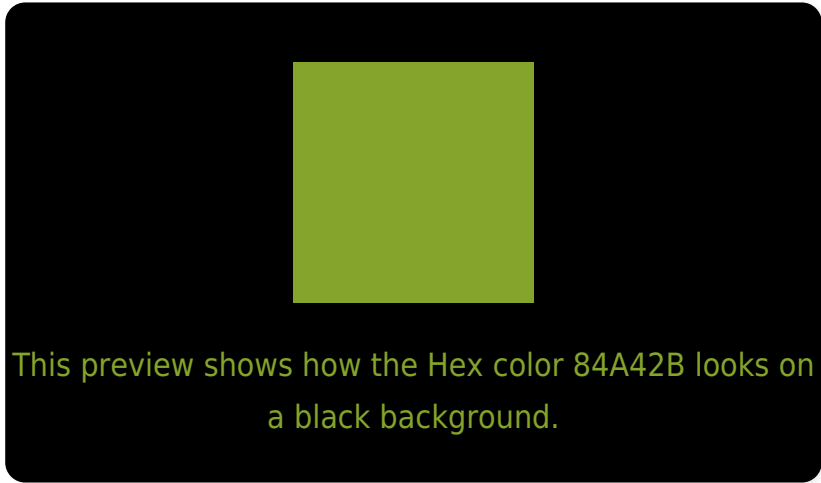
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84A42B Background



This preview shows how black text looks on a background with the Hex color 84A42B.



This preview shows how white text looks on a background with the Hex color 84A42B.

# 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**  
84A42B

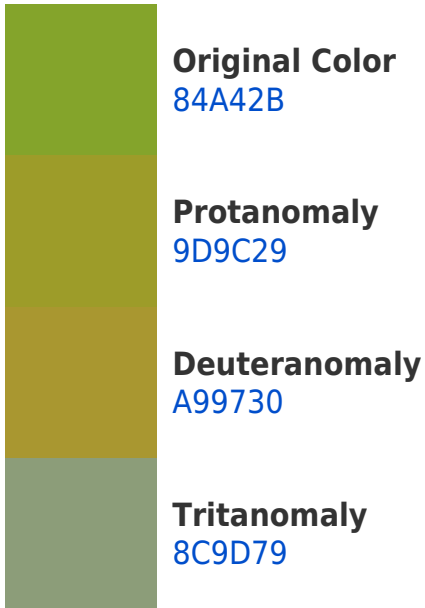
**Protanopia**  
AB9828

**Deuteranopia**  
BE9033

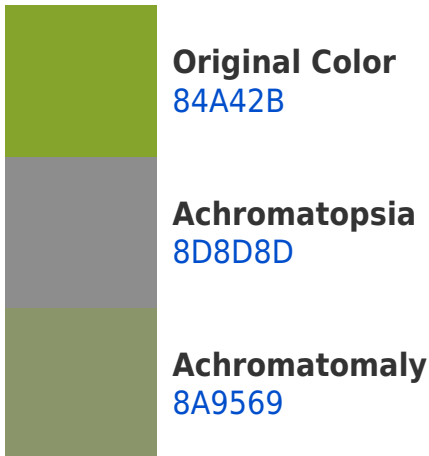


**Tritanopia**  
9199A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A42B 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 #84A42B looks like.

```
.text, #text, p{  
    color:#84A42B  
}
```

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 #84A42B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A42B
}
```

## Border

The CSS property to change the border of an element to Hex 84A42B 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
#84A42B }
```

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

```
.border{ border-color:#84A42B }
```

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

Here you see how a box with a 4 pixel #84A42B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A42B; -webkit-box-shadow:4px 4px  
4px 4px #84A42B; box-shadow:4px 4px 4px  
4px #84A42B }
```

# Background

The CSS property to change the background color of an element to Hex 84A42B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A42B }
```

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

```
.background{ background-color:#84A42B }
```

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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