

# Converting Colors

Hex(8AC82D)

Have a look what the booklet for  
Hex(8AC82D) contains.

<b>Hex(8AC82D)</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(8AC82D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC82D
RGB	138, 200, 45
RGB Percent	54%, 78%, 18%
CMY	0.4588, 0.2157, 0.8235
CMYK	0.31, 0.00, 0.77, 0.22
HSL	84°, 63%, 48%
HSV	84°, 77%, 78%
XYZ	31.6092, 46.9013, 9.8695
YIQ	163.7920, 12.8030, -61.3490

# Conversions

## Conversions Part 2

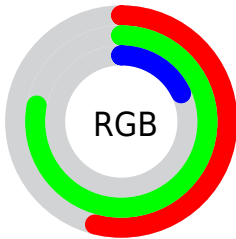
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 200, 107
Decimal	9095213
CIELab	74.13, -42.06, 65.55
CIELCh	74, 77.885, 122.688
Yxy	46.9013, 0.3577, 0.5307
Android (android.graphics.Color)	4287285293 (0xFF8AC82D)
YUV	163.7920, -58.5645, -22.6196
Hunter-Lab	68.4845, -37.4609, 39.3947

# Details

The Hex color **8AC82D** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **6B2DC8**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C4FF67**, and **519200** is the 20% darker color. If you saturate the color by 10%, you get **82C819**, and if you desaturate by 10%, it is **92C841**.

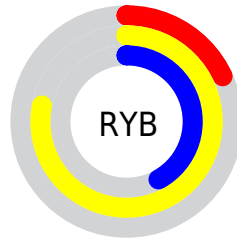
# Distribution



Red (54%)

Green (78%)

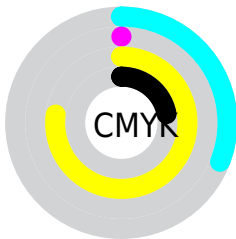
Blue (18%)



Red (18%)

Yellow (78%)

Blue (42%)

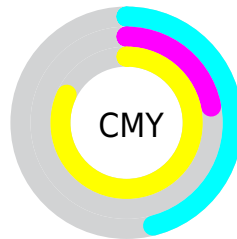


Cyan (31%)

Magenta (0%)

Yellow (77%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC82D 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 8AC82D by changing the saturation by 10% instead.



 8AC82D

 8AC82D

FFFFFF

 6EAC00


 C4FF67

 519200

 E1FF83

 347700

 FFFF9F

 115E00

 FFFFBC

 004600

 FFFFD9

 002F00

 FFFFF6

 001700

 000000

 8AC82D

 8AC82D

 82C819

 92C841

 7AC805

 9AC855

 78C800

 A2C869

 AAC87D

 B2C891

 BAC8A5

 C2C8B9

 CAC8CD

 D2C8E1

# Harmonies

## Analogous

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



D3B500



8AC82D



00D371

# Triad

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



8AC82D



00CEFF



FF6DB3

# Complementary

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



8AC82D



6B2DC8

# 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.



FF7FF9



8AC82D



00BDFE

# Square

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



8AC82D



00D6FF



BEA0FF



FF7B6D

# Rectangle

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



8AC82D



00D6A2



BEA0FF



FF70CB



# Sweetspot

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



8AC82D



E8FFC4



C86B2D



71805C



000000



808080



# Same Dimension

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



8AC82D



A0FF12



3DC82D



5F635A



62A300



152400



# Inverse Universe

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



6B2DC8



7112FF



B92DC8



5D5A63



4100A3



0E0024



# Previews

## White Background



This preview shows how the Hex color 8AC82D looks on a white background.

## Color Contrast Check

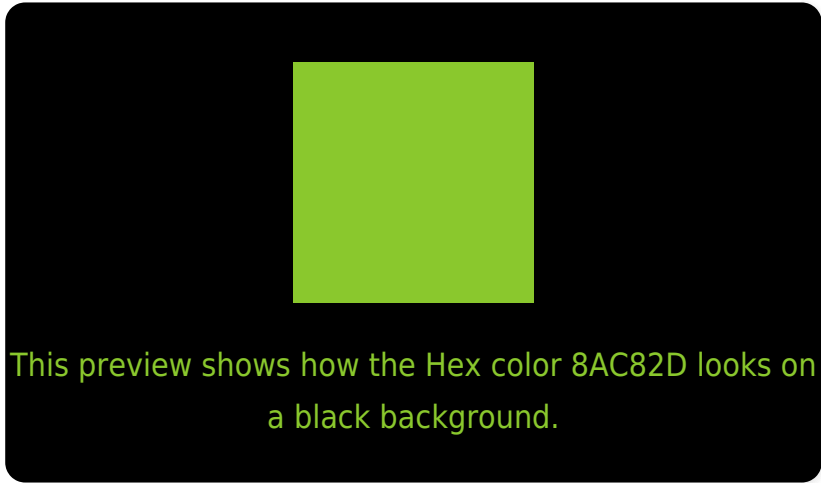
Large Text (above 18pt) WCAG AA × Fail

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 8AC82D Background



This preview shows how black text looks on a background with the Hex color 8AC82D.

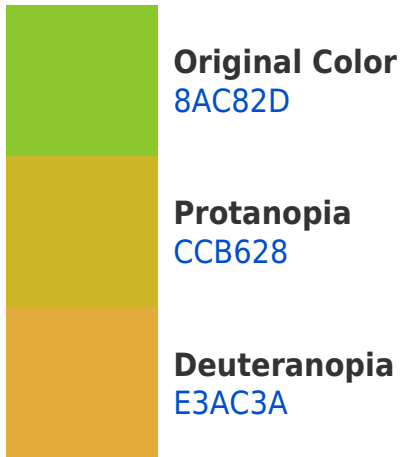


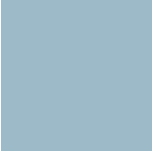
This preview shows how white text looks on a background with the Hex color 8AC82D.

# 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**  
9DBAC9

# Trichromacy



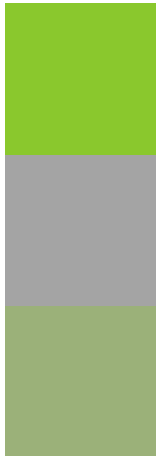
**Original Color**  
8AC82D

**Protanomaly**  
B4BD2A

**Deuteranomaly**  
C3B635

**Tritanomaly**  
96BF90

# Monochromacy



**Original Color**  
8AC82D

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
9BB179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC82D 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 #8AC82D looks like.

```
.text, #text, p{  
    color:#8AC82D  
}
```

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 #8AC82D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC82D
}
```

## Border

The CSS property to change the border of an element to Hex 8AC82D 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
#8AC82D }
```

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

```
.border{ border-color:#8AC82D }
```

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

Here you see how a box with a 4 pixel #8AC82D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC82D; -webkit-box-shadow:4px 4px  
4px 4px #8AC82D; box-shadow:4px 4px 4px  
4px #8AC82D }
```

# Background

The CSS property to change the background color of an element to Hex 8AC82D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC82D }
```

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

```
.background{ background-color:#8AC82D }
```

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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