

# Converting Colors

Hex(8DAA4B)

Have a look what the booklet for  
Hex(8DAA4B) contains.

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**Color**

**Hex(8DAA4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DAA4B
RGB	141, 170, 75
RGB Percent	55%, 67%, 29%
CMY	0.4471, 0.3333, 0.7059
CMYK	0.17, 0.00, 0.56, 0.33
HSL	78°, 39%, 48%
HSV	78°, 56%, 67%
XYZ	26.6292, 34.9202, 11.9934
YIQ	150.4990, 13.2110, -35.6930

# Conversions

## Conversions Part 2

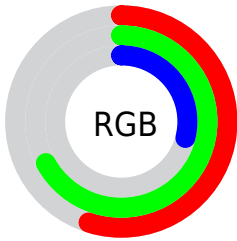
Format	Color
<a href="#">RYB</a>	<a href="#">75, 170, 104</a>
Decimal	<a href="#">9284171</a>
CIELab	<a href="#">65.69, -24.92, 44.97</a>
CIELCh	<a href="#">66, 51.413, 118.999</a>
Yxy	<a href="#">34.9202, 0.3621, 0.4748</a>
Android (android.graphics.Color)	<a href="#">4287474251 (0xFF8DAA4B)</a>
YUV	<a href="#">150.4990, -37.2210, -8.3306</a>
Hunter-Lab	<a href="#">59.0933, -22.9757, 29.3320</a>

# Details

The Hex color **8DAA4B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **684BAA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C4E17F**, and **587617** is the 20% darker color. If you saturate the color by 10%, you get **88AA3A**, and if you desaturate by 10%, it is **92AA5C**.

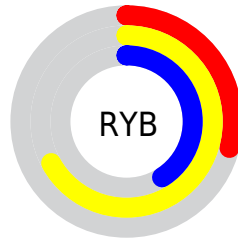
# Distribution



Red (55%)

Green (67%)

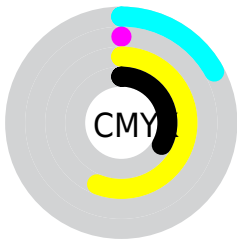
Blue (29%)



Red (29%)

Yellow (67%)

Blue (41%)

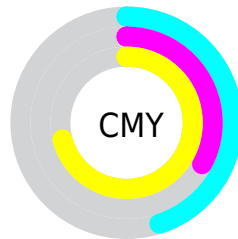


Cyan (17%)

Magenta (0%)

Yellow (56%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DAA4B 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 8DAA4B by changing the saturation by 10% instead.





8DAA4B



8DAA4B

FFFFFF



728F32



C4E17F



587617



E1FE99



3F5D00



FEFFB5



274500



FFFFD1



0A2F00



FFFEE



001C00



000000



8DAA4B



8DAA4B



88AA3A



92AA5C

 83AA29

 97AA6D

 7DAA18

 9DAA7E

 78AA07

 A2AA8F

 76AA00

 A7AAA0

 ACAAB1

 B1AAC2

 B7AAD3

 BCAAE4

# Harmonies

## Analogous

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



BB9D3F



8DAA4B



51B36E

# Triad

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



8DAA4B



00B0EE



F278A3

# Complementary

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



8DAA4B



684BAA

# 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.



D782D0



8DAA4B



3EA5FC

# Square

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



8DAA4B



00B6CB



9F94F0



F37C75

# Rectangle

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



8DAA4B



00B68C



9F94F0



EC7AB3



# Sweetspot

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



8DAA4B



D2DEB8



AA674B



69705A



F0F0F0



707070



# Same Dimension

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



8DAA4B



B0DE49



5EAA4B



52544C



679400



0E1400



# Inverse Universe

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



684BAA



7749DE



974BAA



4E4C54



2D0094



060014



# Previews

## White Background



This preview shows how the Hex color 8DAA4B looks on a white background.

## Color Contrast Check

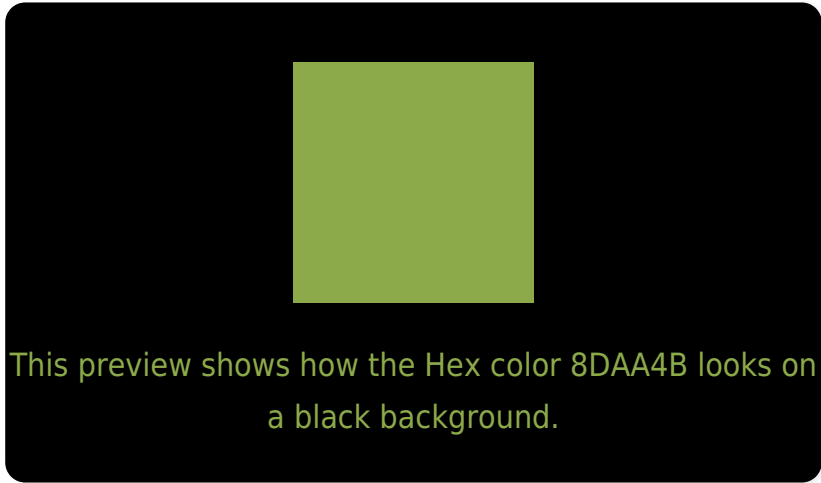
Large Text (above 18pt) WCAG AA × Fail

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 8DAA4B Background



This preview shows how black text looks on a background with the Hex color 8DAA4B.

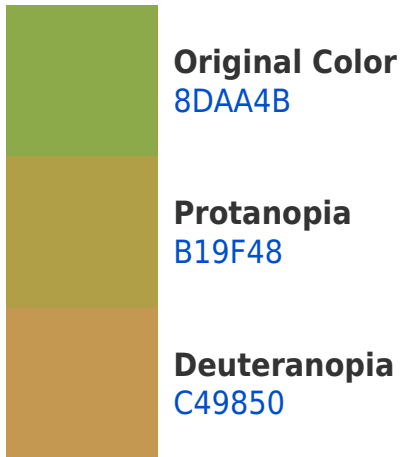


This preview shows how white text looks on a background with the Hex color 8DAA4B.

# 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](#).

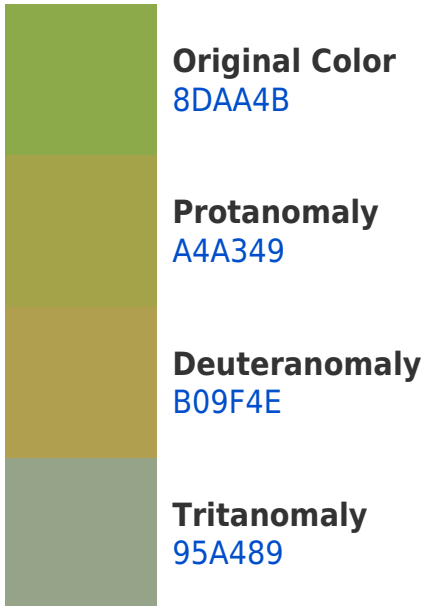
## Dichromacy



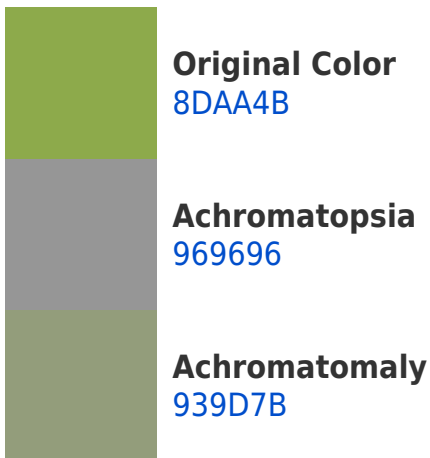


**Tritanopia**  
99A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DAA4B 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 #8DAA4B looks like.

```
.text, #text, p{  
    color:#8DAA4B  
}
```

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 #8DAA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DAA4B
}
```

## Border

The CSS property to change the border of an element to Hex 8DAA4B 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
#8DAA4B }
```

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

```
.border{ border-color:#8DAA4B }
```

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

Here you see how a box with a 4 pixel #8DAA4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DAA4B; -webkit-box-shadow:4px 4px  
4px 4px #8DAA4B; box-shadow:4px 4px 4px  
4px #8DAA4B }
```

# Background

The CSS property to change the background color of an element to Hex 8DAA4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DAA4B }
```

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

```
.background{ background-color:#8DAA4B }
```

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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