

# Converting Colors

Hex(8DBA4B)

Have a look what the booklet for  
Hex(8DBA4B) contains.

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**Color**

**Hex(8DBA4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8DBA4B
RGB	141, 186, 75
RGB Percent	55%, 73%, 29%
CMY	0.4471, 0.2706, 0.7059
CMYK	0.24, 0.00, 0.60, 0.27
HSL	84°, 45%, 51%
HSV	84°, 60%, 73%
XYZ	29.8134, 41.2885, 13.0548
YIQ	159.8910, 8.8110, -44.0610

# Conversions

## Conversions Part 2

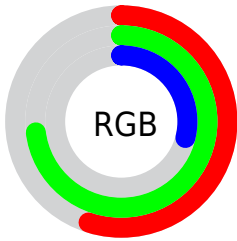
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 186, 120
Decimal	9288267
CIELab	70.38, -32.59, 50.31
CIELCh	70, 59.942, 122.938
Yxy	41.2885, 0.3543, 0.4906
Android (android.graphics.Color)	4287478347 (0xFF8DBA4B)
YUV	159.8910, -41.8513, -16.5674
Hunter-Lab	64.2562, -29.6283, 32.9335

# Details

The Hex color **8DBA4B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **784BBA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C5F280**, and **578513** is the 20% darker color. If you saturate the color by 10%, you get **85BA38**, and if you desaturate by 10%, it is **95BA5E**.

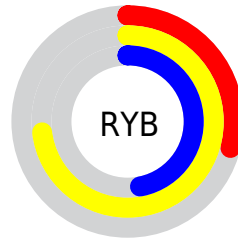
# Distribution



Red (55%)

Green (73%)

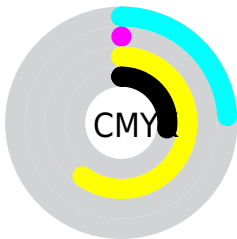
Blue (29%)



Red (29%)

Yellow (73%)

Blue (47%)

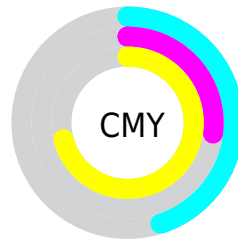


Cyan (24%)

Magenta (0%)

Yellow (60%)

Black (27%)



Cyan (45%)

Magenta (27%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DBA4B 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 8DBA4B by changing the saturation by 10% instead.





8DBA4B



8DBA4B

FFFFFF



729F31



C5F280



578513



E2FF9B



3D6B00



FFFFB6



235200



FFFFD3



003B00



FFFFF0



002600



000300



000000



8DBA4B



8DBA4B

 85BA38

 95BA5E

 7EBA26

 9CBA70

 76BA13

 A4BA83

 6FBA01

 ABBA95

 6FBA00

 B3BAA8

 BABABB

 C2BACD

 C9BAE0

 D1BAF2

# Harmonies

## Analogous

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



C5AB37



8DBA4B



3AC378

# Triad

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



8DBA4B



00BFFF



FF7BA9

# Complementary

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



8DBA4B



784BBA

# 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.



F386DF



8DBA4B



40B0FF

# Square

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



8DBA4B



00C6E6



B59BFF



FF8374

# Rectangle

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



8DBA4B



00C69D



B59BFF



FF7CBB



# Sweetspot

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



8DBA4B



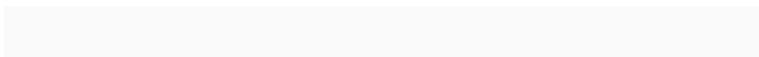
E1F2C7



BA774B



6F7A5F



FAFAFA



7A7A7A



# Same Dimension

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



8DBA4B



ACF244



56BA4B



585C53



5C9C00



111C00



# Inverse Universe

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



784BBA



8B44F2



AF4BBA



56535C



3F009C



0B001C



# Previews

## White Background



This preview shows how the Hex color 8DBA4B looks on a white background.

## Color Contrast Check

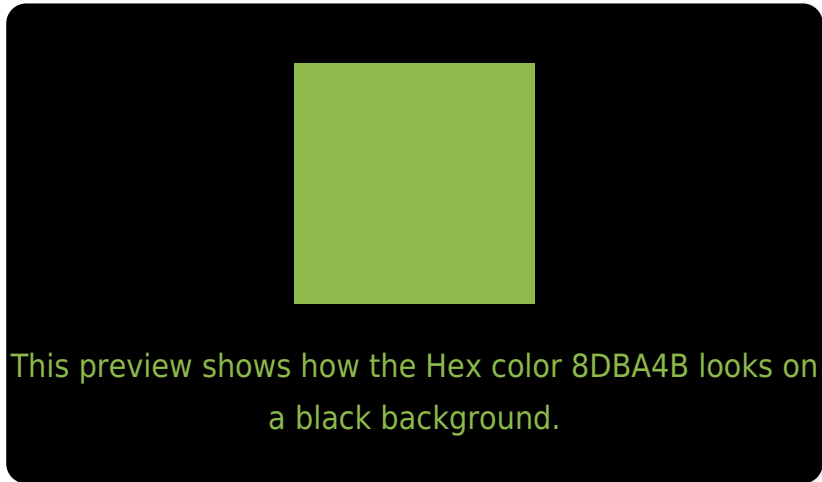
Large Text (above 18pt) WCAG AA × Fail

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 8DBA4B Background



This preview shows how black text looks on a background with the Hex color 8DBA4B.



This preview shows how white text looks on a background with the Hex color 8DBA4B.

# 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



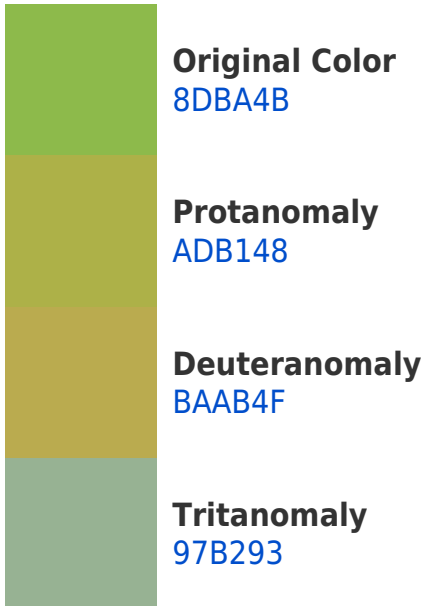
**Original Color**  
8DBA4B

**Protanopia**  
BFAC47

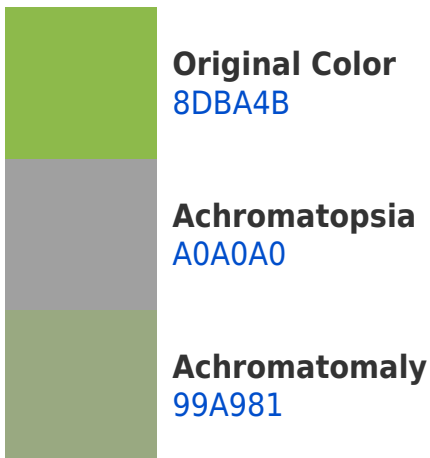
**Deuteranopia**  
D4A352



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DBA4B 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 #8DBA4B looks like.

```
.text, #text, p{  
    color:#8DBA4B  
}
```

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 #8DBA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DBA4B
}
```

## Border

The CSS property to change the border of an element to Hex 8DBA4B 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
#8DBA4B }
```

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

```
.border{ border-color:#8DBA4B }
```

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

Here you see how a box with a 4 pixel #8DBA4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DBA4B; -webkit-box-shadow:4px 4px  
4px 4px #8DBA4B; box-shadow:4px 4px 4px  
4px #8DBA4B }
```

# Background

The CSS property to change the background color of an element to Hex 8DBA4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DBA4B }
```

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

```
.background{ background-color:#8DBA4B }
```

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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