

# Converting Colors

Hex(8DBA6B)

Have a look what the booklet for  
Hex(8DBA6B) contains.

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**Color**

**Hex(8DBA6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DBA6B
RGB	141, 186, 107
RGB Percent	55%, 73%, 42%
CMY	0.4471, 0.2706, 0.5804
CMYK	0.24, 0.00, 0.42, 0.27
HSL	94°, 36%, 57%
HSV	94°, 42%, 73%
XYZ	31.1973, 41.8421, 20.3420
YIQ	163.5390, -1.4610, -34.1090

# Conversions

## Conversions Part 2

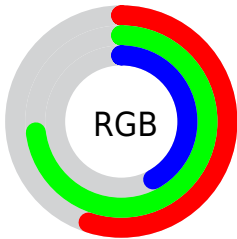
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 186, 152</a>
Decimal	<a href="#">9288299</a>
CIELab	<a href="#">70.76, -29.07, 35.26</a>
CIELCh	<a href="#">71, 45.696, 129.509</a>
Yxy	<a href="#">41.8421, 0.3341, 0.4481</a>
Android (android.graphics.Color)	<a href="#">4287478379 (0xFF8DBA6B)</a>
YUV	<a href="#">163.5390, -27.8737, -19.7667</a>
Hunter-Lab	<a href="#">64.6854, -27.1105, 26.6346</a>

# Details

The Hex color **8DBA6B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **986BBA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C4F29F**, and **59853A** is the 20% darker color. If you saturate the color by 10%, you get **82BA58**, and if you desaturate by 10%, it is **98BA7E**.

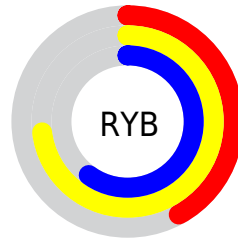
# Distribution



Red (55%)

Green (73%)

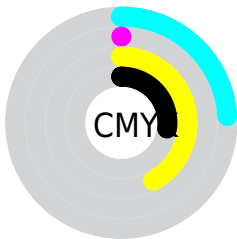
Blue (42%)



Red (42%)

Yellow (73%)

Blue (60%)

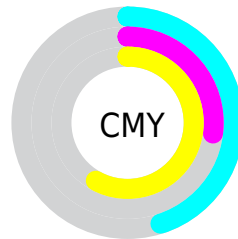


Cyan (24%)

Magenta (0%)

Yellow (42%)

Black (27%)



Cyan (45%)

Magenta (27%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DBA6B 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 8DBA6B by changing the saturation by 10% instead.





8DBA6B



8DBA6B

FFFFFF



729F52



C4F29F



59853A



E1FFBB



3F6B22



FEFFD7



265307



FFFFF4



0E3B00



002500



000500



000000



8DBA6B



8DBA6B

82BA58

98BA7E

78BA46

A2BA90

6DBA33

ADBAA3

63BA21

B7BAB5

58BA0E

C2BAC8

50BA00

CDBADB

D7BAED

E2BAFF

ECBAFF

# Harmonies

## Analogous

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



BAAF59



8DBA6B



55C18F

# Triad

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



8DBA6B



0DB9FA



FC8BA1

# Complementary

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



8DBA6B



986BBA

# 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.



EB90CB



8DBA6B



82ADFF

# Square

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



8DBA6B



00C1E1



C29DEE



F7937A

# Rectangle

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



8DBA6B



0AC3AB



C29DEE



F98BAF

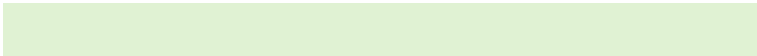


# Sweetspot

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



8DBA6B



E0F2D3



BA986B



6F7A67



FAFAFA



7A7A7A



# Same Dimension

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



8DBA6B



ACF277



6BBA70



575C53



439C00



0C1C00



# Inverse Universe

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



986BBA



BD77F2



BA6BB5



58535C



59009C



10001C



# Previews

## White Background



This preview shows how the Hex color 8DBA6B looks on a white background.

## Color Contrast Check

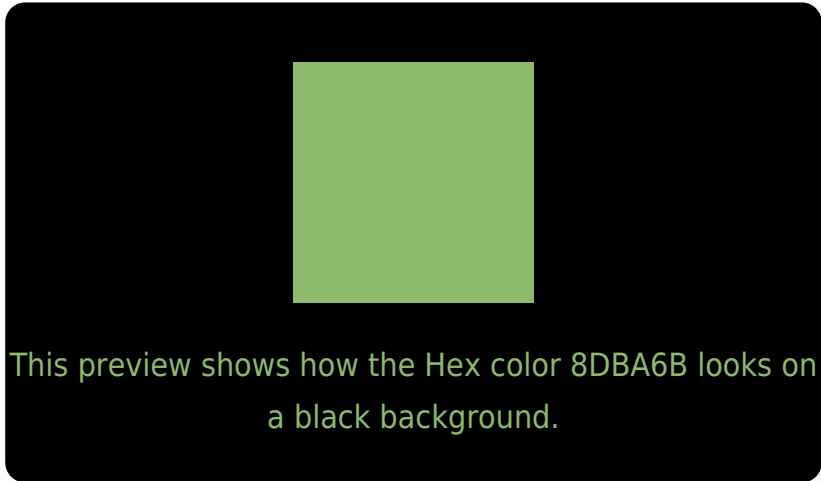
Large Text (above 18pt) WCAG AA × Fail

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 8DBA6B Background



This preview shows how black text looks on a background with the Hex color 8DBA6B.

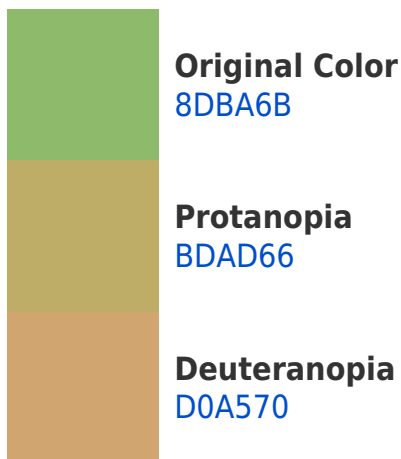


This preview shows how white text looks on a background with the Hex color 8DBA6B.

# Color Blindness Simulation

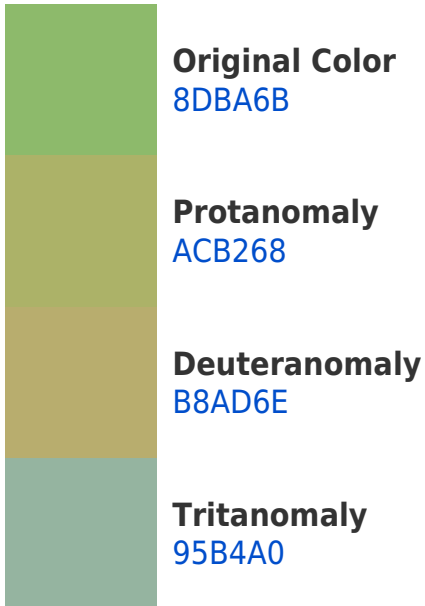
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

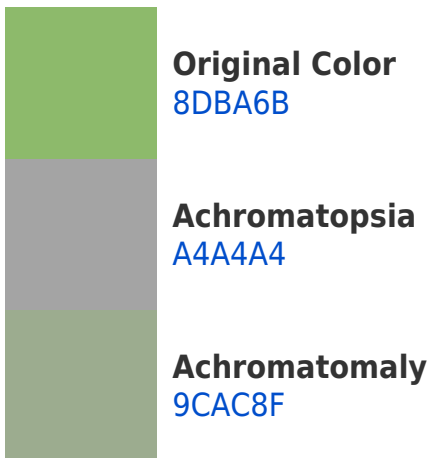




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DBA6B 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 #8DBA6B looks like.

```
.text, #text, p{  
    color:#8DBA6B  
}
```

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 #8DBA6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DBA6B
}
```

## Border

The CSS property to change the border of an element to Hex 8DBA6B 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
#8DBA6B }
```

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

```
.border{ border-color:#8DBA6B }
```

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

Here you see how a box with a 4 pixel #8DBA6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DBA6B; -webkit-box-shadow:4px 4px  
4px 4px #8DBA6B; box-shadow:4px 4px 4px  
4px #8DBA6B }
```

# Background

The CSS property to change the background color of an element to Hex 8DBA6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DBA6B }
```

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

```
.background{ background-color:#8DBA6B }
```

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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