

Converting Colors

Hex(8DB76B)

Have a look what the booklet for
Hex(8DB76B) contains.

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Color

Hex(8DB76B)

Conversions

Conversions Part 1

Format	Color
Hex	8DB76B
RGB	141, 183, 107
RGB Percent	55%, 72%, 42%
CMY	0.4471, 0.2824, 0.5804
CMYK	0.23, 0.00, 0.42, 0.28
HSL	93°, 35%, 57%
HSV	93°, 42%, 72%
XYZ	30.5718, 40.5912, 20.1335
YIQ	161.7780, -0.6360, -32.5400

Conversions

Conversions Part 2

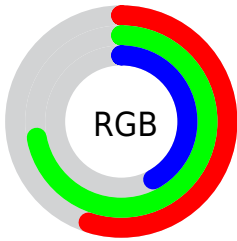
Format	Color
RYB	107, 183, 149
Decimal	9287531
CIELab	69.89, -27.63, 34.14
CIELCh	70, 43.920, 128.980
Yxy	40.5912, 0.3349, 0.4446
Android (android.graphics.Color)	4287477611 (0xFF8DB76B)
YUV	161.7780, -27.0056, -18.2223
Hunter-Lab	63.7112, -25.8415, 25.8615

Details

The Hex color **8DB76B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **956BB7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C4EF9F**, and **59823A** is the 20% darker color. If you saturate the color by 10%, you get **83B759**, and if you desaturate by 10%, it is **97B77D**.

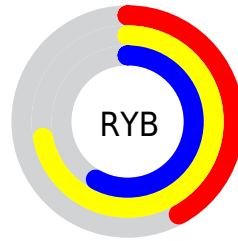
Distribution



Red (55%)

Green (72%)

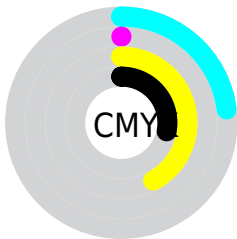
Blue (42%)



Red (42%)

Yellow (72%)

Blue (58%)

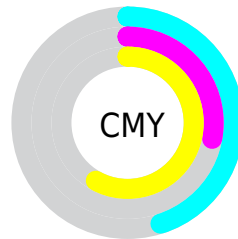


Cyan (23%)

Magenta (0%)

Yellow (42%)

Black (28%)



Cyan (45%)

Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DB76B 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 8DB76B by changing the saturation by 10% instead.

 8DB76B

 8DB76B

FFFFFF

 739C52

 C4EF9F

 59823A

 E0FFBB

 406822

 FDFFD7

 275008

 FFFFF3

 0F3900

 002400

 000000

 8DB76B

 8DB76B

 83B759

 97B77D

 79B746

 A1B790

 6FB734

 ABB7A2

 65B722

 B5B7B4

 5AB70F

 C0B7C7

 52B700

 CAB7D9

 D4B7EB

 DEB7FD

 E8B7FF

Harmonies

Analogous

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



B8AC5A



8DB76B



58BD8D

Triad

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



8DB76B



20B7F4



F78AA0

Complementary

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



8DB76B



956BB7

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.



E68FC8



8DB76B



81ABF9

Square

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



8DB76B



00BEDC



BE9CE9



F2917B

Rectangle

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



8DB76B



21BFA8



BE9CE9



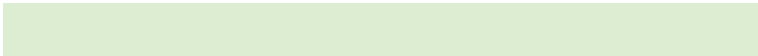
F48BAE

Sweetspot

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



8DB76B



DDEDD1



B7956B



6F7867



F7F7F7



787878

Same Dimension

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



8DB76B



ACED77



6BB76F



575C53



469C00



0D1C00

Inverse Universe

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



956BB7



B877ED



B76BB3



58535C



56009C



10001C

Previews

White Background



This preview shows how the Hex color 8DB76B looks on a white background.

Color Contrast Check

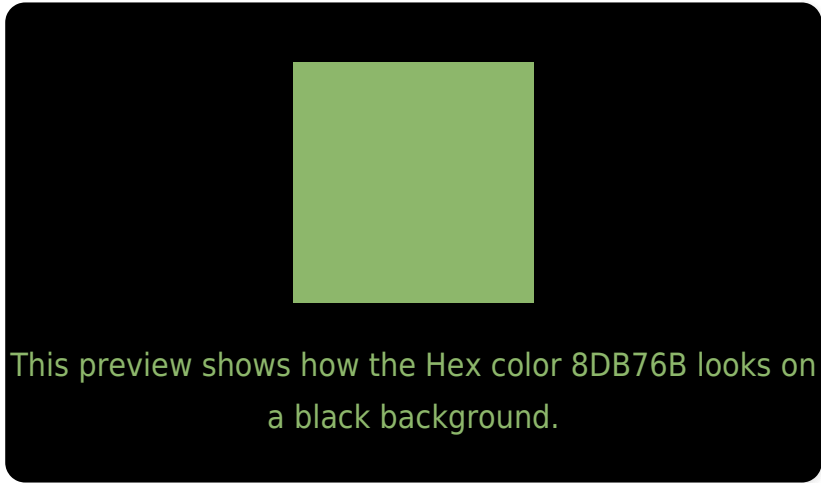
Large Text (above 18pt) WCAG AA × Fail

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 8DB76B Background



This preview shows how black text looks on a background with the Hex color 8DB76B.

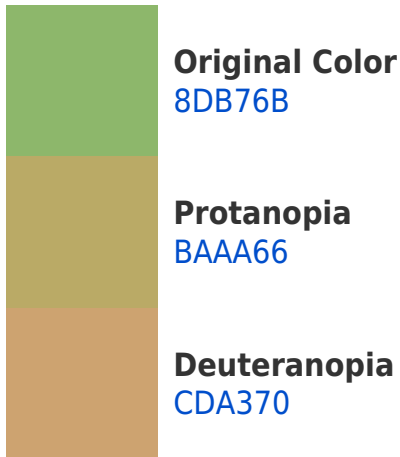


This preview shows how white text looks on a background with the Hex color 8DB76B.

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](#).

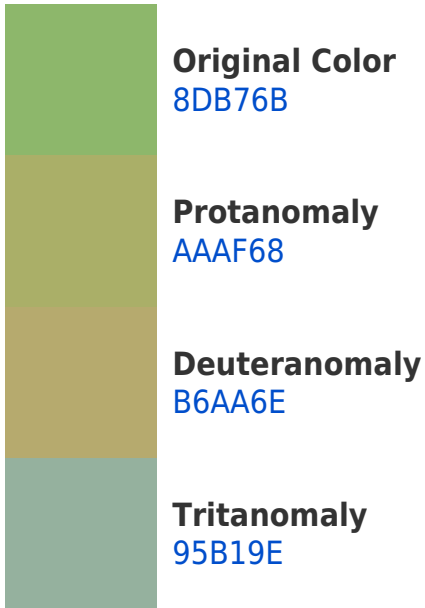
Dichromacy



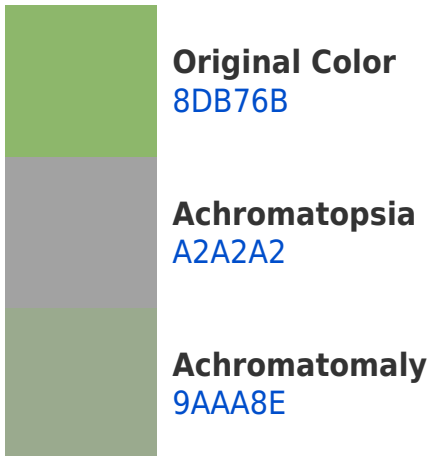


Tritanopia
99AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DB76B 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 #8DB76B looks like.

```
.text, #text, p{  
    color:#8DB76B  
}
```

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 #8DB76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DB76B
}
```

Border

The CSS property to change the border of an element to Hex 8DB76B 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
#8DB76B }
```

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

```
.border{ border-color:#8DB76B }
```

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

Here you see how a box with a 4 pixel #8DB76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DB76B; -webkit-box-shadow:4px 4px  
4px 4px #8DB76B; box-shadow:4px 4px 4px  
4px #8DB76B }
```

Background

The CSS property to change the background color of an element to Hex 8DB76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DB76B }
```

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

```
.background{ background-color:#8DB76B }
```

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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