

# Converting Colors

Hex(B9E96D)

Have a look what the booklet for  
Hex(B9E96D) contains.

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# Color

Hex(**B9E96D**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B9E96D
RGB	185, 233, 109
RGB Percent	73%, 91%, 43%
CMY	0.2745, 0.0863, 0.5725
CMYK	0.21, 0.00, 0.53, 0.09
HSL	83°, 74%, 67%
HSV	83°, 53%, 91%
XYZ	51.9068, 69.6962, 25.1849
YIQ	204.5120, 11.1960, -48.7400

# Conversions

## Conversions Part 2

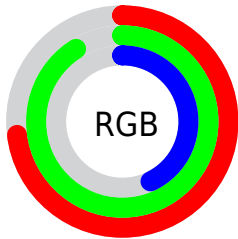
Format	Color
<a href="#">RYB</a>	<a href="#">109, 233, 157</a>
Decimal	<a href="#">12183917</a>
CIELab	<a href="#">86.85, -34.61, 54.55</a>
CIElCh	<a href="#">87, 64.609, 122.395</a>
Yxy	<a href="#">69.6962, 0.3536, 0.4748</a>
Android (android.graphics.Color)	<a href="#">4290373997 (0xFFB9E96D)</a>
YUV	<a href="#">204.5120, -47.0874, -17.1120</a>
Hunter-Lab	<a href="#">83.4843, -35.1141, 40.5528</a>

# Details

The Hex color **B9E96D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9D6DE9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F3FFA3**, and **81B138** is the 20% darker color. If you saturate the color by 10%, you get **B0E956**, and if you desaturate by 10%, it is **C2E984**.

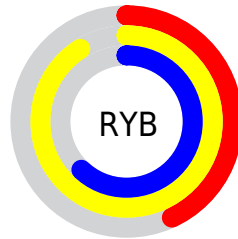
# Distribution



Red (73%)

Green (91%)

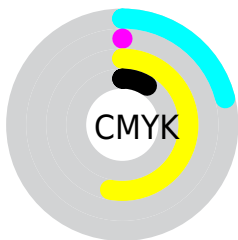
Blue (43%)



Red (43%)

Yellow (91%)

Blue (62%)

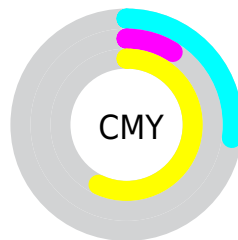


Cyan (21%)

Magenta (0%)

Yellow (53%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9E96D 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 B9E96D by changing the saturation by 10% instead.



 B9E96D

 B9E96D

FFFFFF

 9DCD52

 F3FFA3

 81B138

 FFFFBF


 66961A

 FFFFDC

 4B7C00

 FFFFF9

 306300

 114B00

 003300

 002000

 000000

 B9E96D

 B9E96D

 B0E956

 C2E984

 A7E93E

 CBE99C

 9EE927

 D4E9B3

 95E910

 DDE9CA

 8FE900

 E6E9E2

 EFE9F9

 F8E9FF

 FFE9FF

# Harmonies

## Analogous

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



F8D859



B9E96D



65F49E

# Triad

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



B9E96D



00EFFF



FFA4D7

# Complementary

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



B9E96D



9D6DE9

# 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.



FFB0FF



B9E96D



6EDEFF

# Square

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



B9E96D



00F7FF



E4C7FF



FFAC9B

# Rectangle

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



B9E96D



00F7C7



E4C7FF



FFA6EC

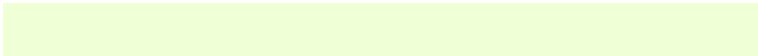


# Sweetspot

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



B9E96D



EFFFD6



E99D6D



768067



000000



808080



# Same Dimension

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



B9E96D



C0FF5C



7BE96D



71756A



6FB500



213600



# Inverse Universe

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



9D6DE9



9B5CFF



DB6DE9



6E6A75



4600B5



150036



# Previews

## White Background



This preview shows how the Hex color B9E96D looks on a white background.

## Color Contrast Check

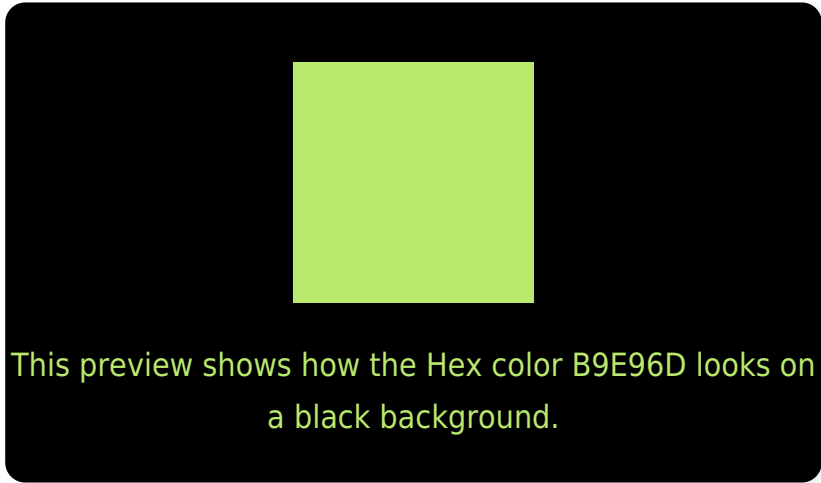
Large Text (above 18pt) WCAG AA × Fail

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 B9E96D Background



This preview shows how black text looks on a background with the Hex color B9E96D.

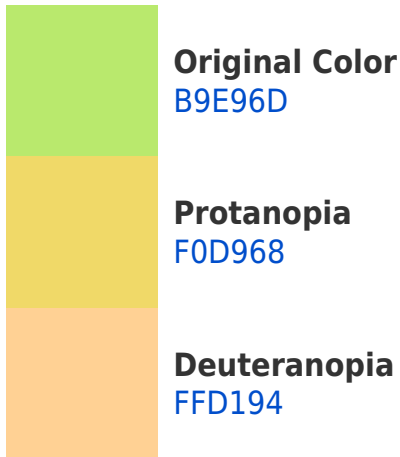


This preview shows how white text looks on a background with the Hex color B9E96D.

# 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





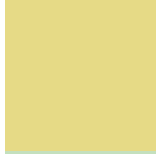
# Trichromacy



**Original Color**  
B9E96D



**Protanomaly**  
DCDF6A



**Deuteranomaly**  
E6DA86

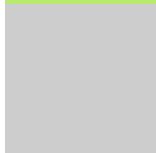


**Tritanomaly**  
C4E0BE

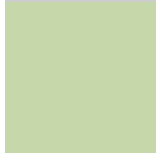
# Monochromacy



**Original Color**  
B9E96D



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
C6D7AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9E96D 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 #B9E96D looks like.

```
.text, #text, p{  
    color:#B9E96D  
}
```

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 #B9E96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E96D
}
```

## Border

The CSS property to change the border of an element to Hex B9E96D 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
#B9E96D }
```

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

```
.border{ border-color:#B9E96D }
```

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

Here you see how a box with a 4 pixel #B9E96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E96D; -webkit-box-shadow:4px 4px  
4px 4px #B9E96D; box-shadow:4px 4px 4px  
4px #B9E96D }
```

# Background

The CSS property to change the background color of an element to Hex B9E96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E96D }
```

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

```
.background{ background-color:#B9E96D }
```

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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