

# Converting Colors

Hex(84B765)

Have a look what the booklet for  
Hex(84B765) contains.

<b>Hex(84B765)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(84B765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84B765
RGB	132, 183, 101
RGB Percent	52%, 72%, 40%
CMY	0.4824, 0.2824, 0.6039
CMYK	0.28, 0.00, 0.45, 0.28
HSL	97°, 36%, 56%
HSV	97°, 45%, 72%
XYZ	28.7982, 39.7121, 18.4593
YIQ	158.4030, -4.0740, -36.3140

# Conversions

## Conversions Part 2

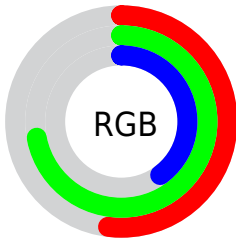
Format	Color
<a href="#">RYB</a>	<a href="#">101, 183, 152</a>
Decimal	<a href="#">8697701</a>
CIELab	<a href="#">69.26, -31.69, 36.32</a>
CIElCh	<a href="#">69, 48.200, 131.112</a>
Yxy	<a href="#">39.7121, 0.3311, 0.4566</a>
Android (android.graphics.Color)	<a href="#">4286887781 (0xFF84B765)</a>
YUV	<a href="#">158.4030, -28.2997, -23.1554</a>
Hunter-Lab	<a href="#">63.0175, -28.7086, 26.7449</a>

# Details

The Hex color **84B765** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9865B7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BBEF99**, and **508234** is the 20% darker color. If you saturate the color by 10%, you get **79B753**, and if you desaturate by 10%, it is **8FB777**.

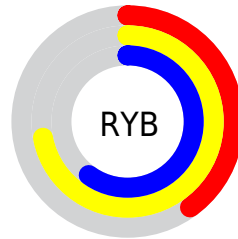
# Distribution



Red (52%)

Green (72%)

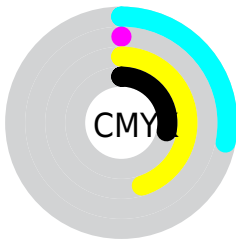
Blue (40%)



Red (40%)

Yellow (72%)

Blue (60%)

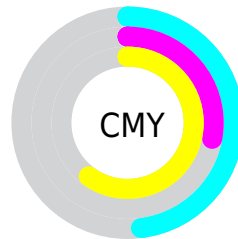


Cyan (28%)

Magenta (0%)

Yellow (45%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84B765 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 84B765 by changing the saturation by 10% instead.



 84B765

 84B765

FFFFFF

 6A9C4C

 BBEF99

 508234

 D7FFB4

 36681B

 F4FFD0

 1B5001

 FFFFED

 003800

 002400

 000000

 84B765

 84B765

 79B753

 8FB777

 6DB740

 9BB78A

 62B72E

 A6B79C

 56B71C

 B2B7AE

 4BB709

 BDB7C1

 45B700

 C8B7D3

 D4B7E5

 DFB7F7

 EAB7FF

# Harmonies

## Analogous

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



B4AC50



84B765



44BE8B

# Triad

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



84B765



00B5FB



FC859A

# Complementary

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



84B765



9865B7

# 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.



EC89C6



84B765



7EA8FF

# Square

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



84B765



00BDE1



C297EB



F48D72

# Rectangle

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



84B765



00BFA9



C297EB



F985A9



# Sweetspot

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



84B765



DAEDCE



B79865



6C7865



F7F7F7



787878



# Same Dimension

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



84B765



9EED6D



65B76F



565C53



3B9C00



0B1C00



# Inverse Universe

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



9865B7



BD6DED



B765AD



58535C



61009C



11001C



# Previews

## White Background



This preview shows how the Hex color 84B765 looks on a white background.

## Color Contrast Check

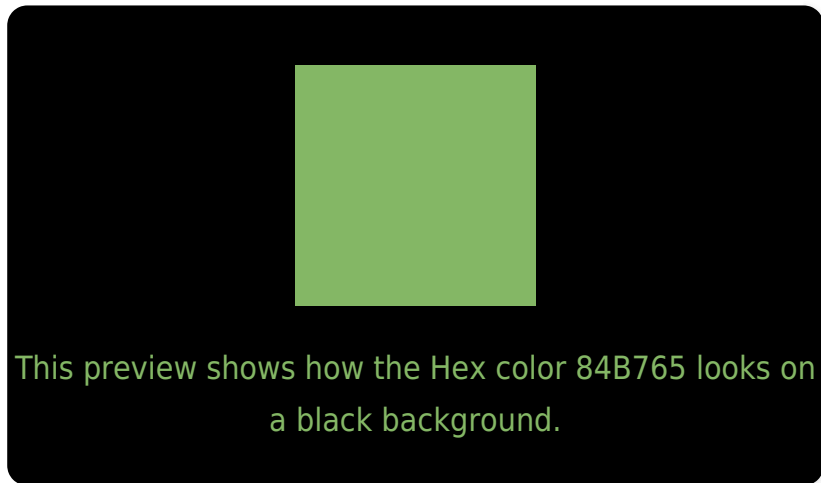
Large Text (above 18pt) WCAG AA × Fail

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 84B765 Background



This preview shows how black text looks on a background with the Hex color 84B765.

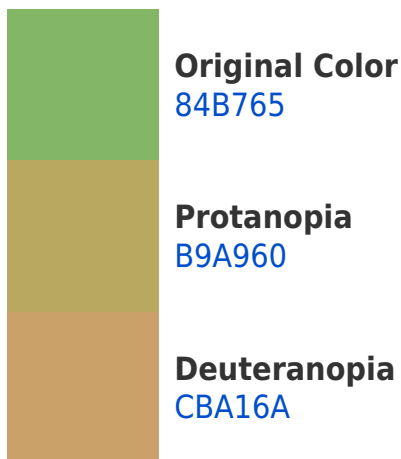


This preview shows how white text looks on a background with the Hex color 84B765.

# 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](#).

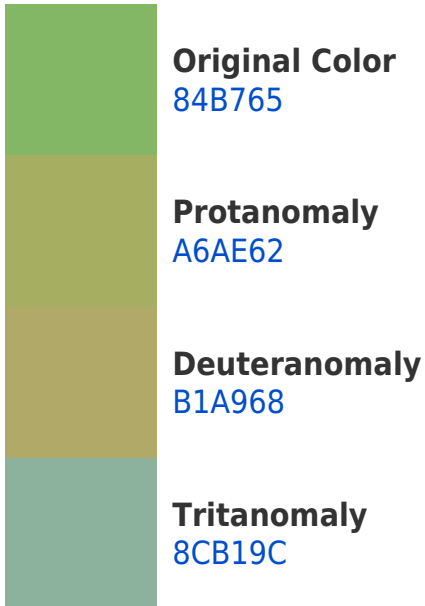
## Dichromacy





**Tritanopia**  
91ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84B765 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 #84B765 looks like.

```
.text, #text, p{  
    color:#84B765  
}
```

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 #84B765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B765
}
```

## Border

The CSS property to change the border of an element to Hex 84B765 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
#84B765 }
```

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

```
.border{ border-color:#84B765 }
```

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

Here you see how a box with a 4 pixel #84B765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B765; -webkit-box-shadow:4px 4px  
4px 4px #84B765; box-shadow:4px 4px 4px  
4px #84B765 }
```

# Background

The CSS property to change the background color of an element to Hex 84B765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B765 }
```

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

```
.background{ background-color:#84B765 }
```

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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