

# Converting Colors

Hex(84A764)

Have a look what the booklet for  
Hex(84A764) contains.

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# **Color**

**Hex(84A764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84A764
RGB	132, 167, 100
RGB Percent	52%, 65%, 39%
CMY	0.4824, 0.3451, 0.6078
CMYK	0.21, 0.00, 0.40, 0.35
HSL	91°, 28%, 52%
HSV	91°, 40%, 65%
XYZ	25.6347, 33.4631, 17.1645
YIQ	148.8970, 0.6470, -28.2570

# Conversions

## Conversions Part 2

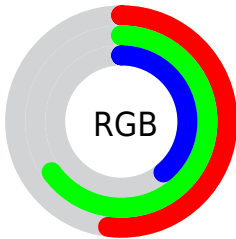
Format	Color
<a href="#">RYB</a>	<a href="#">100, 167, 135</a>
Decimal	<a href="#">8693604</a>
CIELab	<a href="#">64.53, -24.08, 30.81</a>
CIElCh	<a href="#">65, 39.106, 128.011</a>
Yxy	<a href="#">33.4631, 0.3361, 0.4388</a>
Android (android.graphics.Color)	<a href="#">4286883684 (0xFF84A764)</a>
YUV	<a href="#">148.8970, -24.1062, -14.8187</a>
Hunter-Lab	<a href="#">57.8473, -22.1315, 22.9005</a>

# Details

The Hex color **84A764** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8764A7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BADE98**, and **517334** is the 20% darker color. If you saturate the color by 10%, you get **7BA753**, and if you desaturate by 10%, it is **8DA775**.

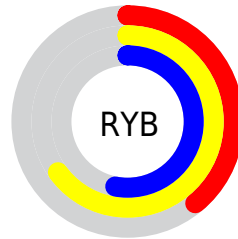
# Distribution



Red (52%)

Green (65%)

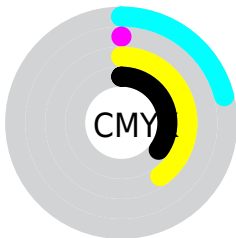
Blue (39%)



Red (39%)

Yellow (65%)

Blue (53%)

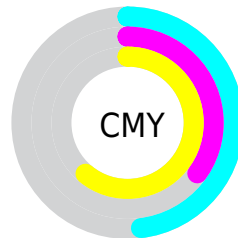


Cyan (21%)

Magenta (0%)

Yellow (40%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A764 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 84A764 by changing the saturation by 10% instead.





84A764



84A764

FFFFFF



6A8D4B



BADE98



517334



D6FBB3



385A1C



F3FFCE



204204



FFFFEB



092C00



001800



000000



84A764



84A764



7BA753



8DA775

 73A743

 95A785

 6AA732

 9EA796

 61A721

 A7A7A7

 58A711

 B0A7B7

 50A700

 B8A7C8

 C1A7D9

 CAA7EA

 D3A7FA

# Harmonies

## Analogous

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



AA9D56



84A764



57AD81

# Triad

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



84A764



2EA7DD



DF8194

# Complementary

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



84A764



8764A7

# 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.



D085B7



84A764



779DE1

# Square

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



84A764



00ADC6



AC90D4



DC8673

# Rectangle

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



84A764



30AF99



AC90D4



DC81A0



# Sweetspot

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



84A764



CBD9BF



A78764



666E5E



EDEDED



6E6E6E



# Same Dimension

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



84A764



A2D971



64A765



50544C



479400



0A1400



# Inverse Universe

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



8764A7



A771D9



A764A6



504C54



4D0094



0B0014



# Previews

## White Background



This preview shows how the Hex color 84A764 looks on a white background.

## Color Contrast Check

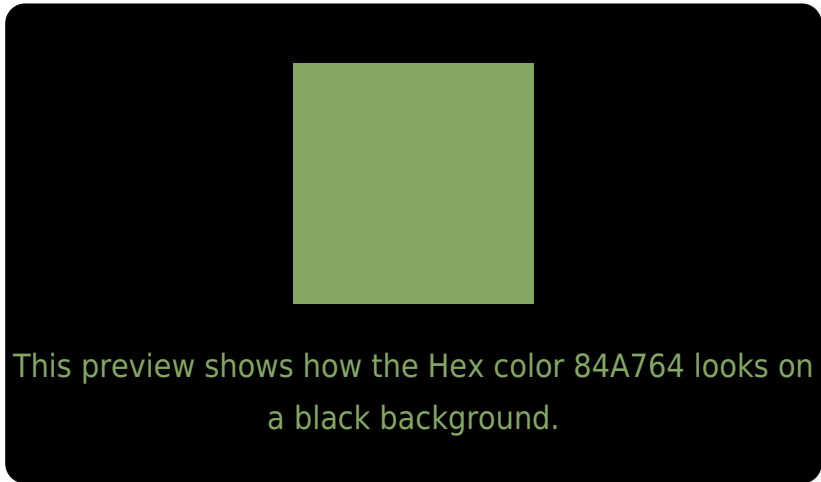
Large Text (above 18pt) WCAG AA × Fail

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 84A764 Background



This preview shows how black text looks on a background with the Hex color 84A764.



This preview shows how white text looks on a background with the Hex color 84A764.

# 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**  
84A764

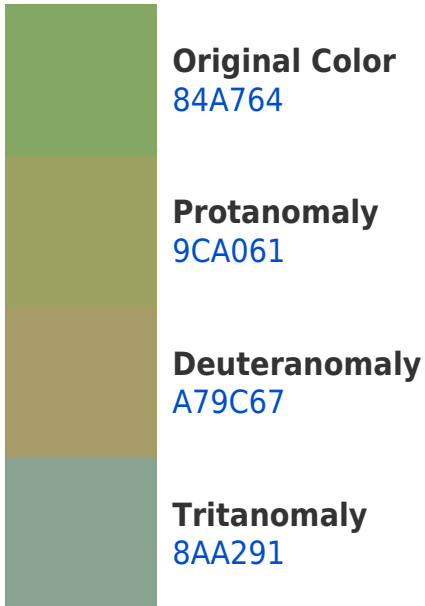
**Protanopia**  
AA9C60

**Deuteranopia**  
BB9568

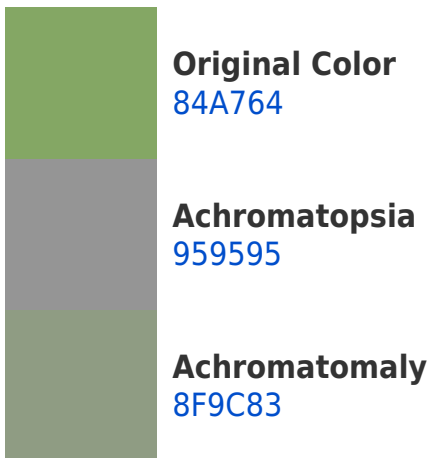


**Tritanopia**  
8E9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A764 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 #84A764 looks like.

```
.text, #text, p{  
    color:#84A764  
}
```

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 #84A764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A764
}
```

## Border

The CSS property to change the border of an element to Hex 84A764 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
#84A764 }
```

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

```
.border{ border-color:#84A764 }
```

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

Here you see how a box with a 4 pixel #84A764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A764; -webkit-box-shadow:4px 4px  
4px 4px #84A764; box-shadow:4px 4px 4px  
4px #84A764 }
```

# Background

The CSS property to change the background color of an element to Hex 84A764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A764 }
```

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

```
.background{ background-color:#84A764 }
```

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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