

# Converting Colors

Hex(84D05B)

Have a look what the booklet for  
Hex(84D05B) contains.

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**Color**

**Hex(84D05B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D05B
RGB	132, 208, 91
RGB Percent	52%, 82%, 36%
CMY	0.4824, 0.1843, 0.6431
CMYK	0.37, 0.00, 0.56, 0.18
HSL	99°, 55%, 59%
HSV	99°, 56%, 82%
XYZ	33.9599, 50.7726, 17.9078
YIQ	171.9380, -7.7390, -52.4990

# Conversions

## Conversions Part 2

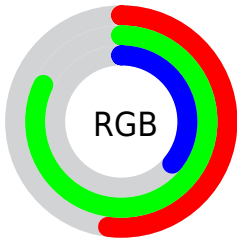
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 208, 167
Decimal	8704091
CIELab	76.54, -44.09, 49.98
CIELCh	77, 66.643, 131.418
Yxy	50.7726, 0.3309, 0.4947
Android (android.graphics.Color)	4286894171 (0xFF84D05B)
YUV	171.9380, -39.9024, -35.0256
Hunter-Lab	71.2549, -39.6234, 34.9777

# Details

The Hex color **84D05B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A75BD0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BDFF90**, and **4C9926** is the 20% darker color. If you saturate the color by 10%, you get **76D046**, and if you desaturate by 10%, it is **92D070**.

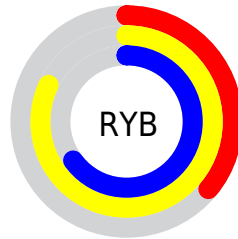
# Distribution



Red (52%)

Green (82%)

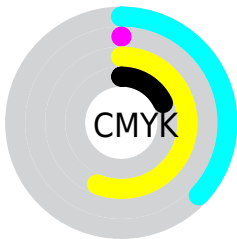
Blue (36%)



Red (36%)

Yellow (82%)

Blue (65%)

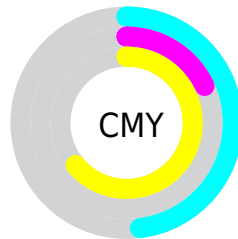


Cyan (37%)

Magenta (0%)

Yellow (56%)

Black (18%)



Cyan (48%)

Magenta (18%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84D05B 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 84D05B by changing the saturation by 10% instead.





84D05B



84D05B

FFFFFF



68B441



BDF90



4C9926



DAFFAC



2F7F02



F7FFC8



076500



FFFFE5



004C00



003500



001F00



000000



84D05B



84D05B

 76D046

 92D070

 69D031

 9FD085

 5BD01D

 ADD099

 4ED008

 BAD0AE

 49D000

 C8D0C3

 D5D0D8

 E3D0ED

 F0D0FF

 FED0FF

# Harmonies

## Analogous

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



C8C139



84D05B



00D893

# Triad

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



84D05B



00CEFF



FF85A8

# Complementary

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



84D05B



A75BD0

# 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.



FF8BE6



84D05B



73BCFF

# Square

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



84D05B



00D8FF



DFA3FF



FF946E

# Rectangle

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



84D05B



00DBBE



DFA3FF



FF84BC

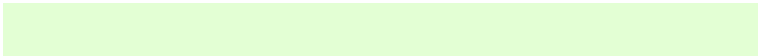


# Sweetspot

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



84D05B



E3FFD4



D0A55B



6F8066



000000



808080



# Same Dimension

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



84D05B



8EFF52



5BD06B



62695E



3BA800



0E2900



# Inverse Universe

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



A75BD0



C252FF



D05BC0



655E69



6D00A8



1B0029



# Previews

## White Background



This preview shows how the Hex color 84D05B 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



This preview shows how the Hex color 84D05B looks on a 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 84D05B Background



This preview shows how black text looks on a background with the Hex color 84D05B.

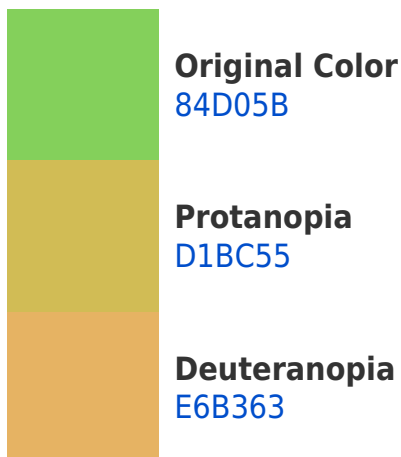


This preview shows how white text looks on a background with the Hex color 84D05B.

# 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](#).

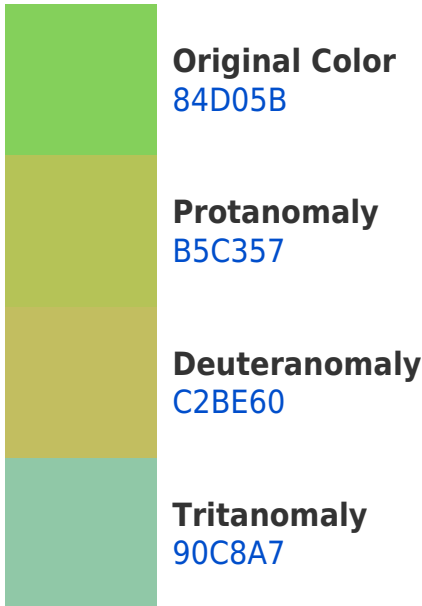
## Dichromacy



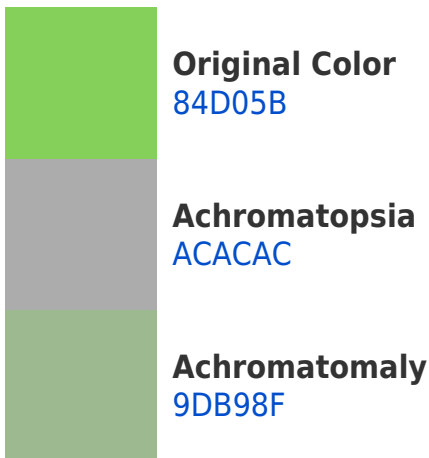


**Tritanopia**  
97C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84D05B 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 #84D05B looks like.

```
.text, #text, p{  
    color:#84D05B  
}
```

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 #84D05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D05B
}
```

## Border

The CSS property to change the border of an element to Hex 84D05B 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
#84D05B }
```

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

```
.border{ border-color:#84D05B }
```

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

Here you see how a box with a 4 pixel #84D05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D05B; -webkit-box-shadow:4px 4px  
4px 4px #84D05B; box-shadow:4px 4px 4px  
4px #84D05B }
```

# Background

The CSS property to change the background color of an element to Hex 84D05B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D05B }
```

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

```
.background{ background-color:#84D05B }
```

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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