

Converting Colors

Hex(84D384)

Have a look what the booklet for
Hex(84D384) contains.

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Color

Hex(84D384)

Conversions

Conversions Part 1

Format	Color
Hex	84D384
RGB	132, 211, 132
RGB Percent	52%, 83%, 52%
CMY	0.4824, 0.1725, 0.4824
CMYK	0.37, 0.00, 0.37, 0.17
HSL	120°, 47%, 67%
HSV	120°, 37%, 83%
XYZ	36.9748, 53.1600, 30.1419
YIQ	178.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

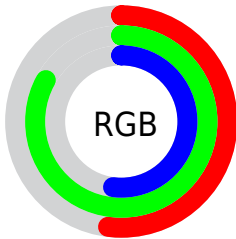
Format	Color
RYB	132, 211, 211
Decimal	8704900
CIELab	77.97, -40.04, 31.67
CIELCh	78, 51.051, 141.658
Yxy	53.1600, 0.3074, 0.4420
Android (android.graphics.Color)	4286894980 (0xFF84D384)
YUV	178.3730, -22.8619, -40.6691
Hunter-Lab	72.9109, -37.0725, 26.5267

Details

The Hex color **84D384** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D384D3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BCFFBA**, and **4E9C51** is the 20% darker color. If you saturate the color by 10%, you get **6FD36F**, and if you desaturate by 10%, it is **99D399**.

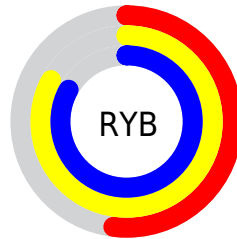
Distribution



Red (52%)

Green (83%)

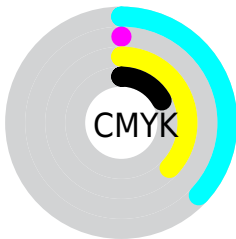
Blue (52%)



Red (52%)

Yellow (83%)

Blue (83%)

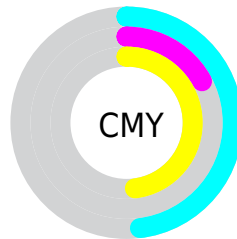


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (17%)



Cyan (48%)

Magenta (17%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84D384 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 84D384 by changing the saturation by 10% instead.



84D384



84D384

FFFFFF



69B76A



BCFFBA



4E9C51



D8FFD6



328139



F6FFF2



116822



004F09



003700



002300



000000



84D384



84D384

 6FD36F

 99D399

 5AD35A

 AED3AE

 45D345

 C3D3C3

 30D330

 D8D3D8

 1BD31B

 EDD3ED

 05D305

 FFD3FF

 00D300

Harmonies

Analogous

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



BCC966



84D384



30D8B1

Triad

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



84D384



50CAFF



FF9CA0

Complementary

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



84D384



D384D3

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.



FF9BD0



84D384



B0B9FF

Square

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



84D384



00D4FF



EFA7FC



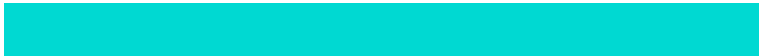
FFA878

Rectangle

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



84D384



00D9D2



EFA7FC



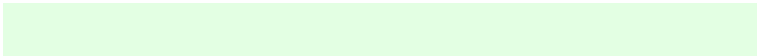
FF9AB0

Sweetspot

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



84D384



E3FFE3



D3D384



6F806F



000000



808080

Same Dimension

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



84D384



8CFF8C



84D3AB



5E695E



00A800



002900

Inverse Universe

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



D384D3



FF8CFF



D384AB



695E69



A800A8



290029

Previews

White Background



This preview shows how the Hex color 84D384 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 84D384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

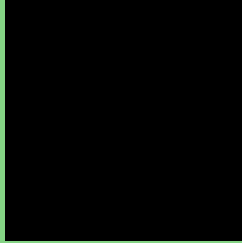
Any Text WCAG AA ✓ Pass

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 84D384 Background



This preview shows how black text looks on a background with the Hex color 84D384.

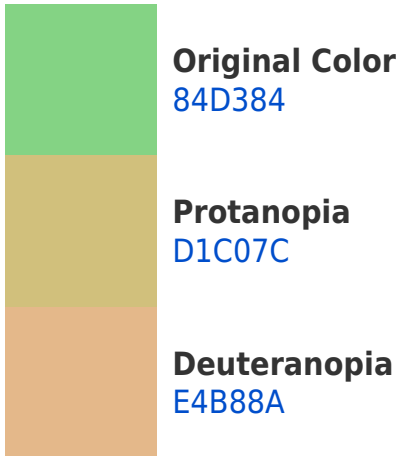


This preview shows how white text looks on a background with the Hex color 84D384.

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](#).

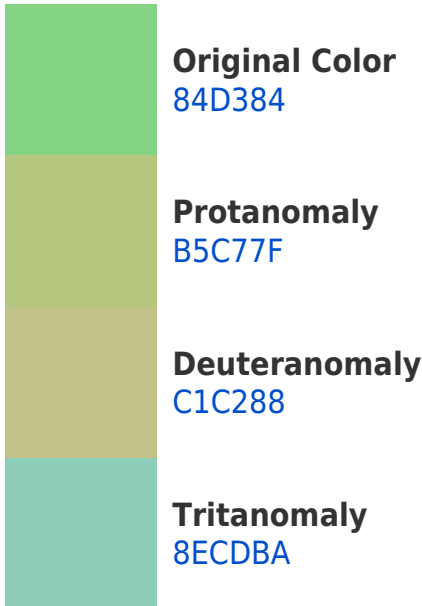
Dichromacy



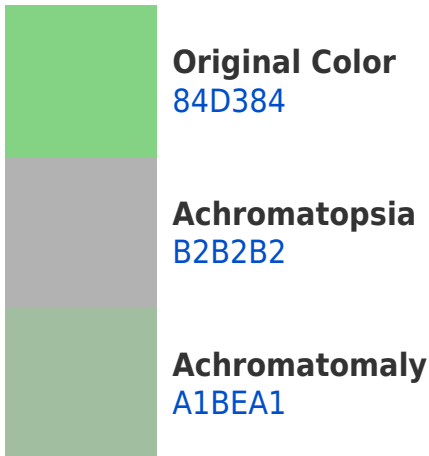


Tritanopia
94C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84D384 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 #84D384 looks like.

```
.text, #text, p{  
    color:#84D384  
}
```

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 #84D384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D384
}
```

Border

The CSS property to change the border of an element to Hex 84D384 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
#84D384 }
```

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

```
.border{ border-color:#84D384 }
```

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

Here you see how a box with a 4 pixel #84D384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D384; -webkit-box-shadow:4px 4px  
4px 4px #84D384; box-shadow:4px 4px 4px  
4px #84D384 }
```

Background

The CSS property to change the background color of an element to Hex 84D384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D384 }
```

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

```
.background{ background-color:#84D384 }
```

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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