

# Converting Colors

Hex(B6D394)

Have a look what the booklet for  
Hex(B6D394) contains.

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**Color**

**Hex(B6D394)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6D394
RGB	182, 211, 148
RGB Percent	71%, 83%, 58%
CMY	0.2863, 0.1725, 0.4196
CMYK	0.14, 0.00, 0.30, 0.17
HSL	88°, 42%, 70%
HSV	88°, 30%, 83%
XYZ	47.9310, 58.6717, 36.8155
YIQ	195.1470, 2.9390, -25.7410

# Conversions

## Conversions Part 2

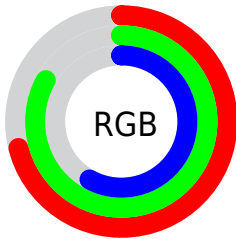
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 211, 177
Decimal	11981716
CIELab	81.11, -20.60, 28.10
CIElCh	81, 34.842, 126.245
Yxy	58.6717, 0.3342, 0.4091
Android (android.graphics.Color)	4290171796 (0xFFB6D394)
YUV	195.1470, -23.2435, -11.5299
Hunter-Lab	76.5975, -22.3490, 25.1213

# Details

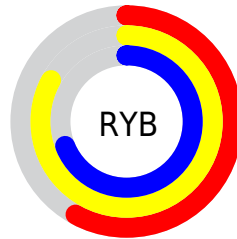
The Hex color **B6D394** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B194D3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EEFFCA**, and **809C61** is the 20% darker color. If you saturate the color by 10%, you get **ACD37F**, and if you desaturate by 10%, it is **C0D3A9**.

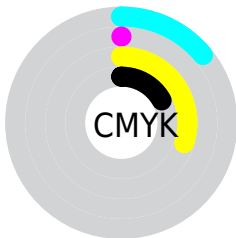
# Distribution



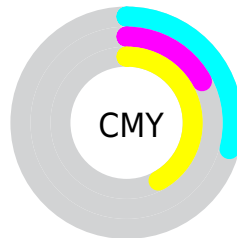
- Red (71%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6D394 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 B6D394 by changing the saturation by 10% instead.



 B6D394

FFFFFF

 EEFFCA

 FFFFE7

 B6D394

 9BB77A

 809C61

 678248

 4E6931

 36511A

 1F3A02

 062400

 000800

 000000

 B6D394

 B6D394

 ACD37F

 C0D3A9

 A3D36A

 C9D3BE

 99D355

 D3D3D3

 8FD340

 DDD3E8

 85D32B

 E7D3FE

 7CD315

 F0D3FF

 72D300

 FAD3FF

 FFD3FF

# Harmonies

## Analogous

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



DACA88



B6D394



90D9AE

# Triad

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



B6D394



79D4FF



FFB1C4

# Complementary

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



B6D394



B194D3

# 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.



F9B5E4



B6D394



A9CAFF

# Square

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



B6D394



5FDAEF



D7BFFE



FFB5A4

# Rectangle

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



B6D394



77DBC4



D7BFFE



FFB1CF



# Sweetspot

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



B6D394



F4FFE8



D3B094



798071



000000



808080

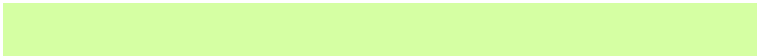


# Same Dimension

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



B6D394



D5FFA3



97D394



64695E



5BA800



162900



# Inverse Universe

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



B194D3



CDA3FF



D094D3



635E69



4D00A8



130029



# Previews

## White Background



This preview shows how the Hex color B6D394 looks on a white background.

## Color Contrast Check

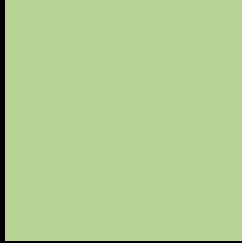
Large Text (above 18pt) WCAG AA × Fail

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 B6D394 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

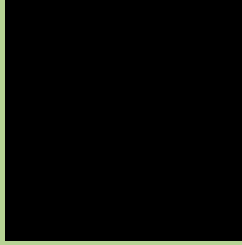
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6D394 Background



This preview shows how black text looks on a background with the Hex color B6D394.

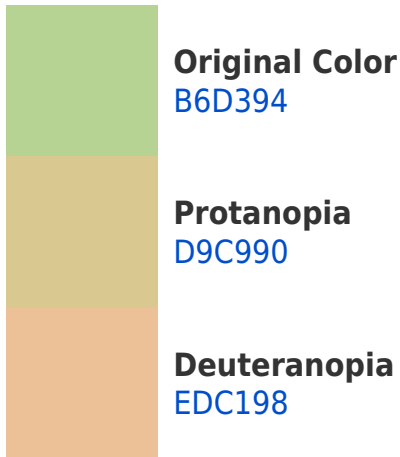


This preview shows how white text looks on a background with the Hex color B6D394.

# Color Blindness Simulation

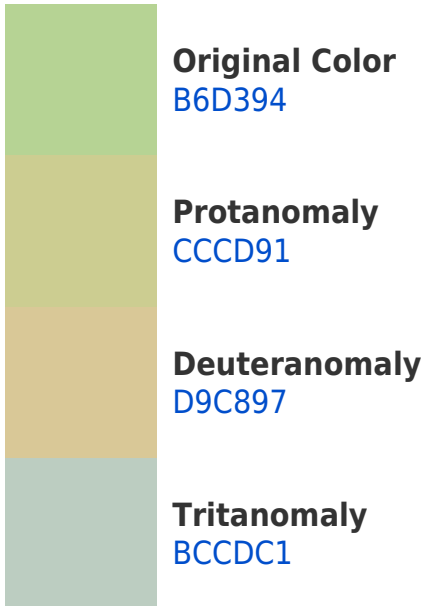
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

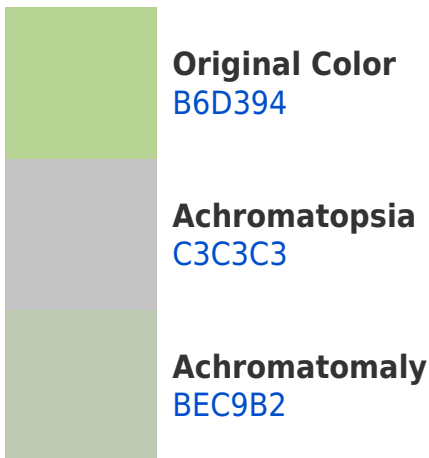




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6D394 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 #B6D394 looks like.

```
.text, #text, p{  
    color:#B6D394  
}
```

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 #B6D394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D394
}
```

## Border

The CSS property to change the border of an element to Hex B6D394 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
#B6D394 }
```

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

```
.border{ border-color:#B6D394 }
```

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

Here you see how a box with a 4 pixel #B6D394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D394; -webkit-box-shadow:4px 4px  
4px 4px #B6D394; box-shadow:4px 4px 4px  
4px #B6D394 }
```

# Background

The CSS property to change the background color of an element to Hex B6D394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D394 }
```

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

```
.background{ background-color:#B6D394 }
```

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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