

# Converting Colors

Hex(B1C381)

Have a look what the booklet for  
Hex(B1C381) contains.

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**Color**

**Hex(B1C381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C381
RGB	177, 195, 129
RGB Percent	69%, 76%, 51%
CMY	0.3059, 0.2353, 0.4941
CMYK	0.09, 0.00, 0.34, 0.24
HSL	76°, 35%, 64%
HSV	76°, 34%, 76%
XYZ	41.6090, 49.9623, 28.2195
YIQ	182.0940, 10.4580, -24.3420

# Conversions

## Conversions Part 2

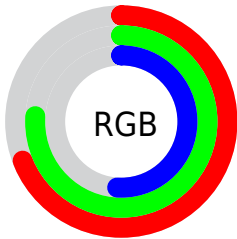
Format	Color
R <sub>Y</sub> B	129, 195, 147
Decimal	11649921
CIE Lab	76.05, -17.10, 31.19
CIE LCh	76, 35.565, 118.734
Yxy	49.9623, 0.3473, 0.4171
Android (android.graphics.Color)	4289840001 (0xFFB1C381)
YUV	182.0940, -26.1753, -4.4674
Hunter-Lab	70.6840, -18.6208, 25.8082

# Details

The Hex color **B1C381** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9381C3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E9FCB6**, and **7B8D4F** is the 20% darker color. If you saturate the color by 10%, you get **ACC36E**, and if you desaturate by 10%, it is **B6C395**.

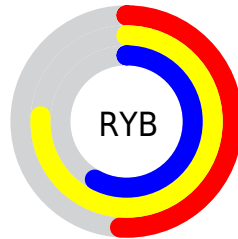
# Distribution



Red (69%)

Green (76%)

Blue (51%)



Red (51%)

Yellow (76%)

Blue (58%)

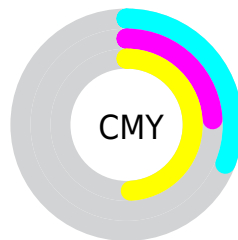


Cyan (9%)

Magenta (0%)

Yellow (34%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C381 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 B1C381 by changing the saturation by 10% instead.



 B1C381

 B1C381

FFFFFF

 96A867

 E9FCB6

 7B8D4F

 FFFFD2

 627437

 FFFFEF

 495B20

 314408

 1B2D00

 001A00

 000000

 B1C381

 B1C381

 ACC36E

 B6C395

 A6C35A

 BCC3A8

 A1C347

 C1C3BB

 9CC333

 C6C3CF

 96C320

 CCC3E3

 91C30C

 D1C3F6

 8EC300

 D6C3FF

 DCC3FF

 E1C3FF

# Harmonies

## Analogous

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



D3B97A



B1C381



8BCA98

# Triad

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



B1C381



5CC8F3



F9A3BE

# Complementary

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



B1C381



9381C3

# Split Complementary

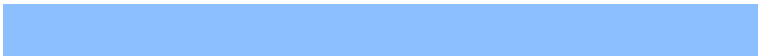
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E4A9DE



B1C381



8CBFFD

# Square

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



B1C381



49CDDA



BEB4F5



FCA59E

# Rectangle

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



B1C381



70CDAE



BEB4F5



F4A4C9



# Sweetspot

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



B1C381



F6FCE3



C39381



7B8070



000000



808080



# Same Dimension

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



B1C381



E0FC95



90C381



5E6157



75A100



182100



# Inverse Universe

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



9381C3



B195FC



B481C3



5A5761



2C00A1



090021



# Previews

## White Background



This preview shows how the Hex color B1C381 looks on a white background.

## Color Contrast Check

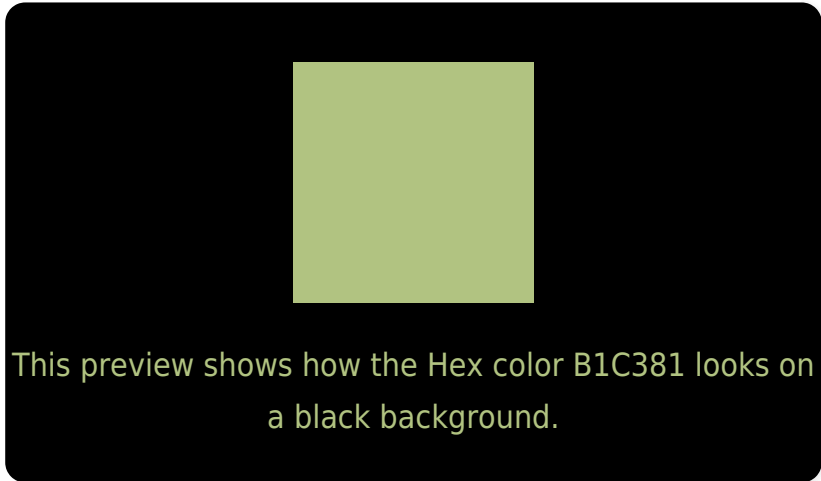
Large Text (above 18pt) WCAG AA × Fail

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

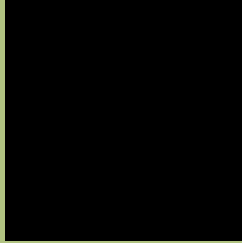
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1C381 Background



This preview shows how black text looks on a background with the Hex color B1C381.



This preview shows how white text looks on a background with the Hex color B1C381.

# Color Blindness Simulation

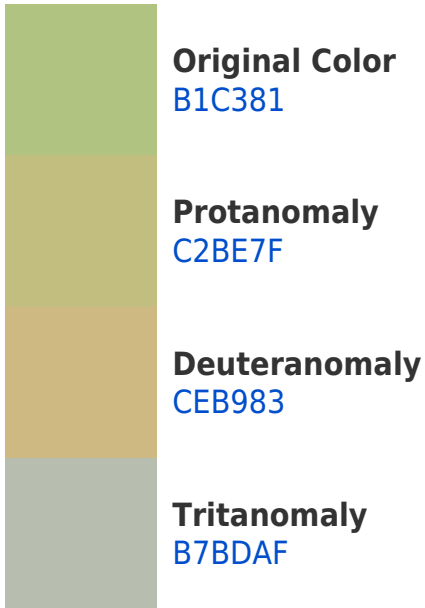
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

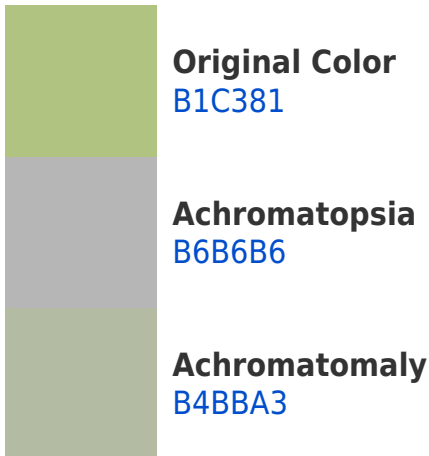




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C381 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 #B1C381 looks like.

```
.text, #text, p{  
    color:#B1C381  
}
```

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 #B1C381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C381
}
```

## Border

The CSS property to change the border of an element to Hex B1C381 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
#B1C381 }
```

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

```
.border{ border-color:#B1C381 }
```

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

Here you see how a box with a 4 pixel #B1C381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C381; -webkit-box-shadow:4px 4px  
4px 4px #B1C381; box-shadow:4px 4px 4px  
4px #B1C381 }
```

# Background

The CSS property to change the background color of an element to Hex B1C381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C381 }
```

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

```
.background{ background-color:#B1C381 }
```

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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