

# Converting Colors

Hex(B1C550)

Have a look what the booklet for  
Hex(B1C550) contains.

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**Color**

**Hex(B1C550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C550
RGB	177, 197, 80
RGB Percent	69%, 77%, 31%
CMY	0.3059, 0.2275, 0.6863
CMYK	0.10, 0.00, 0.59, 0.23
HSL	70°, 50%, 54%
HSV	70°, 59%, 77%
XYZ	39.5457, 49.8588, 15.1288
YIQ	177.6820, 25.6370, -40.6270

# Conversions

## Conversions Part 2

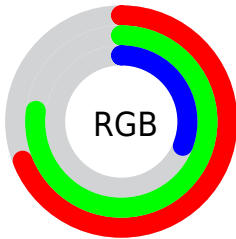
Format	Color
<b>RYB</b>	80, 197, 100
Decimal	11650384
CIELab	75.98, -23.21, 55.00
CIELCh	76, 59.697, 112.875
Yxy	49.8588, 0.3783, 0.4770
Android (android.graphics.Color)	4289840464 (0xFFB1C550)
YUV	177.6820, -48.1572, -0.5981
Hunter-Lab	70.6108, -23.5996, 36.7242

# Details

The Hex color **B1C550** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6450C5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EBFE85**, and **7A8F17** is the 20% darker color. If you saturate the color by 10%, you get **AEC53C**, and if you desaturate by 10%, it is **B4C564**.

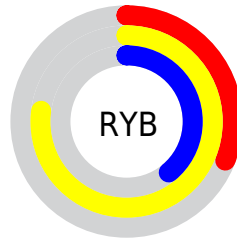
# Distribution



Red (69%)

Green (77%)

Blue (31%)



Red (31%)

Yellow (77%)

Blue (39%)

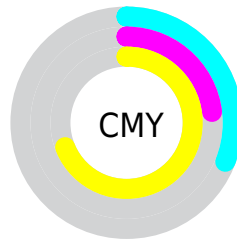


Cyan (10%)

Magenta (0%)

Yellow (59%)

Black (23%)



Cyan (31%)

Magenta (23%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C550 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 B1C550 by changing the saturation by 10% instead.



 B1C550

 B1C550

FFFFFF

 95AA35

 EBFE85

 7A8F17

 FFFFA1

 5F7600

 FFFFBD

 455D00

 FFFFD9

 2B4500

 FFFFF6

 0F2F00

 001C00

 000000

 B1C550

 B1C550

 AEC53C

 B4C564

 AAC529

 B8C577

 A7C515

 BBC58B

 A4C501

 BEC59F

 A3C500

 C2C5B3

 C5C5C6

 C9C5DA

 CCC5EE

 CFC5FF

# Harmonies

## Analogous

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



E6B449



B1C550



6ED076

# Triad

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



B1C550



00D1FF



FF8CCB

# Complementary

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



B1C550



6450C5

# 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.



F29CFF



B1C550



00C5FF

# Square

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



B1C550



00D6E4



A8B2FF



FF8E94

# Rectangle

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



B1C550



14D599



A8B2FF



FF90DD

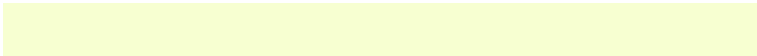


# Sweetspot

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



B1C550



F7FFD1



C56450



7B8063



000000



808080



# Same Dimension

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



B1C550



E0FF4A



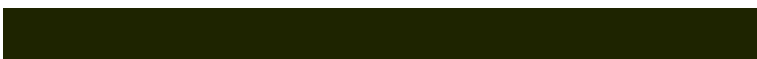
77C550



62635A



87A300



1E2400



# Inverse Universe

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



6450C5



694AFF



9E50C5



5B5A63



1C00A3



060024



# Previews

## White Background



This preview shows how the Hex color B1C550 looks on a white background.

## Color Contrast Check

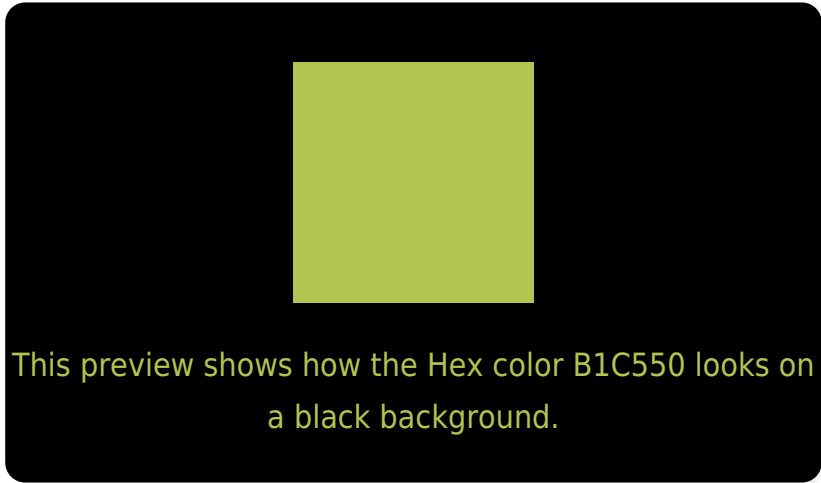
Large Text (above 18pt) WCAG AA × Fail

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 B1C550 Background



This preview shows how black text looks on a background with the Hex color B1C550.

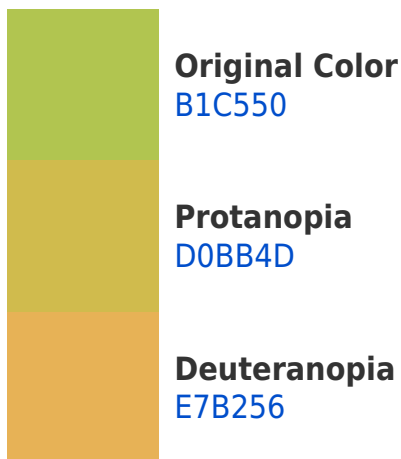


This preview shows how white text looks on a background with the Hex color B1C550.

# 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](#).

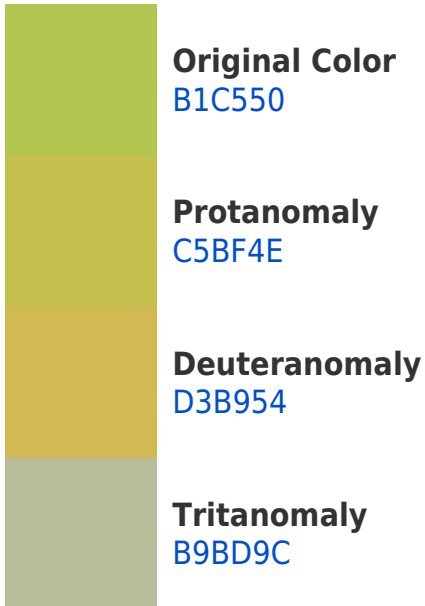
## Dichromacy





**Tritanopia**  
BEB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C550 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 #B1C550 looks like.

```
.text, #text, p{  
    color:#B1C550  
}
```

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 #B1C550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C550
}
```

## Border

The CSS property to change the border of an element to Hex B1C550 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
#B1C550 }
```

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

```
.border{ border-color:#B1C550 }
```

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

Here you see how a box with a 4 pixel #B1C550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C550; -webkit-box-shadow:4px 4px  
4px 4px #B1C550; box-shadow:4px 4px 4px  
4px #B1C550 }
```

# Background

The CSS property to change the background color of an element to Hex B1C550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C550 }
```

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

```
.background{ background-color:#B1C550 }
```

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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