

# Converting Colors

Hex(B5C14B)

Have a look what the booklet for  
Hex(B5C14B) contains.

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**Color**

**Hex(B5C14B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5C14B
RGB	181, 193, 75
RGB Percent	71%, 76%, 29%
CMY	0.2902, 0.2431, 0.7059
CMYK	0.06, 0.00, 0.61, 0.24
HSL	66°, 49%, 53%
HSV	66°, 61%, 76%
XYZ	39.3960, 48.4717, 13.9362
YIQ	175.9600, 30.7260, -39.2420

# Conversions

## Conversions Part 2

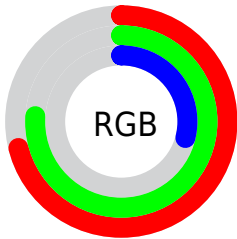
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 193, 87
Decimal	11911499
CIELab	75.12, -19.97, 56.31
CIELCh	75, 59.749, 109.522
Yxy	48.4717, 0.3870, 0.4761
Android (android.graphics.Color)	4290101579 (0xFFB5C14B)
YUV	175.9600, -49.7733, 4.4201
Hunter-Lab	69.6216, -20.8320, 36.8670

# Details

The Hex color **B5C14B** 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 **574BC1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EFF981**, and **7D8C0F** is the 20% darker color. If you saturate the color by 10%, you get **B3C138**, and if you desaturate by 10%, it is **B7C15E**.

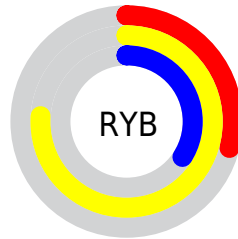
# Distribution



Red (71%)

Green (76%)

Blue (29%)



Red (29%)

Yellow (76%)

Blue (34%)

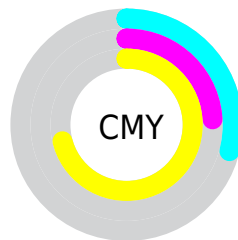


Cyan (6%)

Magenta (0%)

Yellow (61%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C14B 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 B5C14B by changing the saturation by 10% instead.





B5C14B



B5C14B

FFFFFF



99A630



EFF981



7D8C0F



FFFF9C



627200



FFFFB8



485A00



FFFFD4



2E4200



FFFFF1



142C00



001A00



000000



B5C14B



B5C14B

 B3C138

 B7C15E

 B1C124

 B9C172

 AFC111

 BBC185

 ADC100

 BDC198

 BFC1AC

 C1C1BF

 C3C1D2

 C5C1E5

 C7C1F9

# Harmonies

## Analogous

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



E8AF49



B5C14B



74CD6E

# Triad

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



B5C14B



00D0FF



FF8BCF

# Complementary

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



B5C14B



574BC1

# 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.



E99CFF



B5C14B



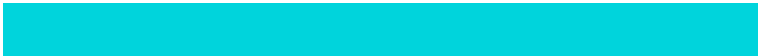
00C5FF

# Square

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



B5C14B



00D4DC



9BB2FF



FF8B97

# Rectangle

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



B5C14B



2CD290



9BB2FF



FF8FE1



# Sweetspot

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



B5C14B



F5FACD



C1574B



7A7D61



FCFCFC



7D7D7D



# Same Dimension

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



B5C14B



E7FA43



7AC14B



606157



90A100



1E2100



# Inverse Universe

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



574BC1



5643FA



924BC1



585761



1000A1



030021



# Previews

## White Background



This preview shows how the Hex color B5C14B looks on a white background.

## Color Contrast Check

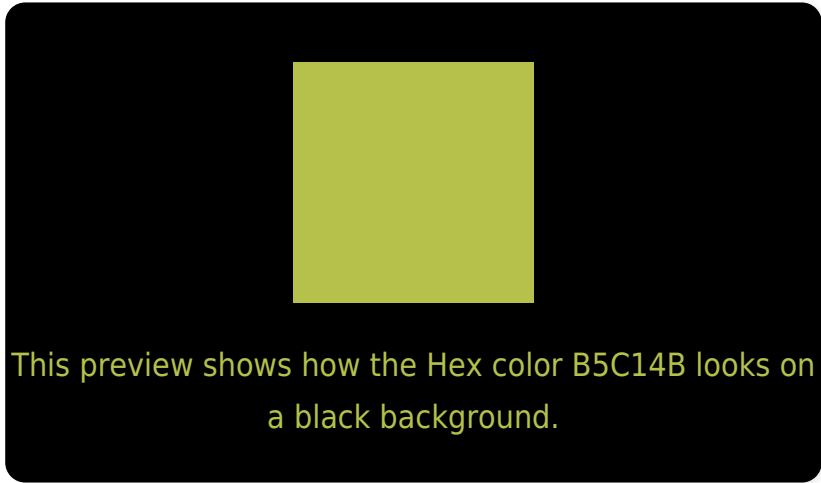
Large Text (above 18pt) WCAG AA × Fail

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 B5C14B Background



This preview shows how black text looks on a background with the Hex color B5C14B.



This preview shows how white text looks on a background with the Hex color B5C14B.

# 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



**Original Color**  
B5C14B

**Protanopia**  
CEB949

**Deuteranopia**  
E5B050



**Tritanopia**  
C1B5C3

# Trichromacy



**Original Color**  
B5C14B

**Protanomaly**  
C5BC4A

**Deuteranomaly**  
D4B64E

**Tritanomaly**  
BDB997

# Monochromacy



**Original Color**  
B5C14B

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B2B68B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C14B 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 #B5C14B looks like.

```
.text, #text, p{  
    color:#B5C14B  
}
```

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 #B5C14B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C14B
}
```

## Border

The CSS property to change the border of an element to Hex B5C14B 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
#B5C14B }
```

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

```
.border{ border-color:#B5C14B }
```

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

Here you see how a box with a 4 pixel #B5C14B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C14B; -webkit-box-shadow:4px 4px  
4px 4px #B5C14B; box-shadow:4px 4px 4px  
4px #B5C14B }
```

# Background

The CSS property to change the background color of an element to Hex B5C14B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C14B }
```

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

```
.background{ background-color:#B5C14B }
```

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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