

# Converting Colors

Hex(B0C914)

Have a look what the booklet for  
Hex(B0C914) contains.

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**Color**

**Hex(B0C914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0C914
RGB	176, 201, 20
RGB Percent	69%, 79%, 8%
CMY	0.3098, 0.2118, 0.9216
CMYK	0.12, 0.00, 0.90, 0.21
HSL	68°, 82%, 43%
HSV	68°, 90%, 79%
XYZ	38.9174, 51.0539, 8.4650
YIQ	172.8910, 43.2010, -61.5910

# Conversions

## Conversions Part 2

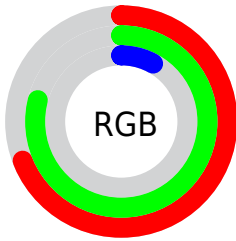
Format	Color
<a href="#">RYB</a>	<a href="#">20, 201, 45</a>
Decimal	<a href="#">11585812</a>
CIELab	<a href="#">76.71, -28.34, 74.49</a>
CIELCh	<a href="#">77, 79.696, 110.827</a>
Yxy	<a href="#">51.0539, 0.3954, 0.5186</a>
Android (android.graphics.Color)	<a href="#">4289775892</a> (0xFFB0C914)
YUV	<a href="#">172.8910, -75.3753, 2.7266</a>
Hunter-Lab	<a href="#">71.4520, -27.8183, 42.9922</a>

# Details

The Hex color **B0C914** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **2D14C9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EBFF59**, and **779300** is the 20% darker color. If you saturate the color by 10%, you get **ADC900**, and if you desaturate by 10%, it is **B3C928**.

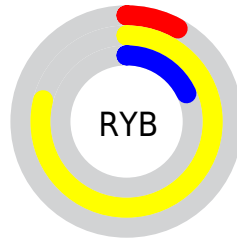
# Distribution



Red (69%)

Green (79%)

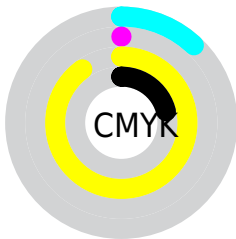
Blue (8%)



Red (8%)

Yellow (79%)

Blue (18%)

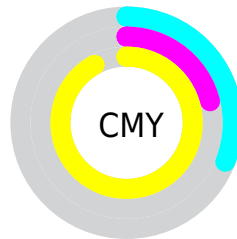


Cyan (12%)

Magenta (0%)

Yellow (90%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C914 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 B0C914 by changing the saturation by 10% instead.



 B0C914

 B0C914

FFFFFF

 93AE00

 EBFF59

 779300

 FFFF76

 5B7900

 FFFF93

 3F6000

 FFFFB0

 224900

 FFFFCD

 033200

 FFFFEEA

 001F00

 000000

 B0C914

 B0C914

 ADC900

 B3C928

 B6C93C

 B8C950

 BBC964

 BEC979

 C1C98D

 C3C9A1

 C6C9B5

 C9C9C9

# Harmonies

## Analogous

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



F4B208



B0C914



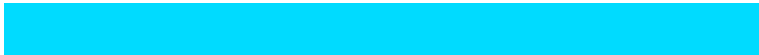
4ED75A

# Triad

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



B0C914



00DBFF



FF76D7

# Complementary

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



B0C914



2D14C9

# 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.



FF92FF



B0C914



00CDFF

# Square

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



B0C914



00E0F0



8FB3FF



FF778D

# Rectangle

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



B0C914



00DD8A



8FB3FF



FF7DEF

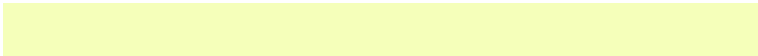


# Sweetspot

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



B0C914



F5FFBA



C92C14



7A8057



000000



808080



# Same Dimension

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



B0C914



DCFF00



56C914



62635A



8DA300



1F2400



# Inverse Universe

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



2D14C9



2300FF



8714C9



5B5A63



1700A3



050024



# Previews

## White Background



This preview shows how the Hex color B0C914 looks on a white background.

## Color Contrast Check

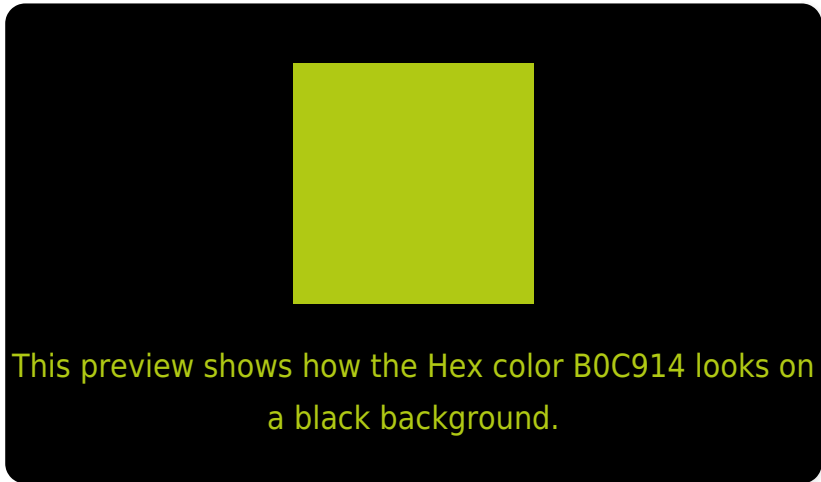
Large Text (above 18pt) WCAG AA × Fail

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 B0C914 Background



This preview shows how black text looks on a background with the Hex color B0C914.



This preview shows how white text looks on a background with the Hex color B0C914.

# 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**  
B0C914

**Protanopia**  
D5BD0F

**Deuteranopia**  
EEB327



# Trichromacy



**Original Color**  
B0C914

**Protanomaly**  
C8C111

**Deuteranomaly**  
D7BB20

**Tritanomaly**  
BAC088

# Monochromacy



**Original Color**  
B0C914

**Achromatopsia**  
ADADAD

**Achromatomaly**  
AEB775

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C914 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 #B0C914 looks like.

```
.text, #text, p{  
    color:#B0C914  
}
```

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 #B0C914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C914
}
```

## Border

The CSS property to change the border of an element to Hex B0C914 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
#B0C914 }
```

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

```
.border{ border-color:#B0C914 }
```

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

Here you see how a box with a 4 pixel #B0C914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C914; -webkit-box-shadow:4px 4px  
4px 4px #B0C914; box-shadow:4px 4px 4px  
4px #B0C914 }
```

# Background

The CSS property to change the background color of an element to Hex B0C914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C914 }
```

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

```
.background{ background-color:#B0C914 }
```

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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