

Converting Colors

Hex(B3CF14)

Have a look what the booklet for
Hex(B3CF14) contains.

Hex(B3CF14)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3CF14)

Conversions

Conversions Part 1

Format	Color
Hex	B3CF14
RGB	179, 207, 20
RGB Percent	70%, 81%, 8%
CMY	0.2980, 0.1882, 0.9216
CMYK	0.14, 0.00, 0.90, 0.19
HSL	69°, 82%, 45%
HSV	69°, 90%, 81%
XYZ	41.0295, 54.2599, 8.9725
YIQ	177.3100, 43.3390, -64.0930

Conversions

Conversions Part 2

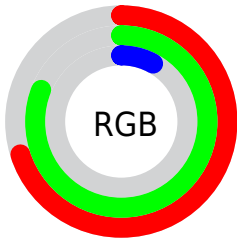
Format	Color
R_{YB}	20, 207, 48
Decimal	11783956
CIE Lab	78.61, -29.93, 76.09
CIE LCh	79, 81.769, 111.473
Yxy	54.2599, 0.3935, 0.5204
Android (android.graphics.Color)	4289974036 (0xFFB3CF14)
YUV	177.3100, -77.5538, 1.4821
Hunter-Lab	73.6613, -29.4824, 44.3409

Details

The Hex color **B3CF14** 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 **3014CF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EEFF5B**, and **799900** is the 20% darker color. If you saturate the color by 10%, you get **B0CF00**, and if you desaturate by 10%, it is **B6CF29**.

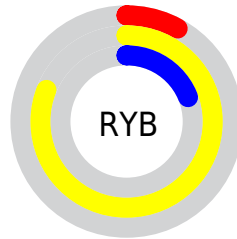
Distribution



Red (70%)

Green (81%)

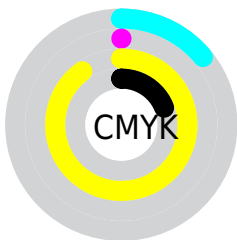
Blue (8%)



Red (8%)

Yellow (81%)

Blue (19%)

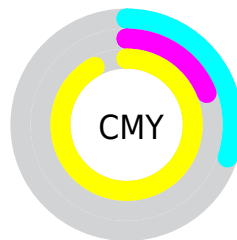


Cyan (14%)

Magenta (0%)

Yellow (90%)

Black (19%)



Cyan (30%)

Magenta (19%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3CF14 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 B3CF14 by changing the saturation by 10% instead.



B3CF14



B3CF14

FFFFFF



96B300



EEFF5B



799900



FFFF78



5D7F00



FFFF94



416600



FFFFB1



244D00



FFFFCE



033600



FFFEC



002200



000000



B3CF14



B3CF14

 B0CF00

 B6CF29

 B9CF3D

 BCCF52

 BFCF67

 C2CF7C

 C6CF90

 C9CFA5

 CCCFBA

 CFCFCE

Harmonies

Analogous

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



FAB702



B3CF14



4CDD5D

Triad

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



B3CF14



00E0FF



FF78DC

Complementary

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



B3CF14



3014CF

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.



FF95FF



B3CF14



00D2FF

Square

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



B3CF14



00E6F8



96B8FF



FF7A90

Rectangle

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



B3CF14



00E38F



96B8FF



FF7FF5

Sweetspot

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



B3CF14



F5FFBA



CF2D14



798057



000000



808080

Same Dimension

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



B3CF14



D9FF00



59CF14



67695E



8FA800



232900

Inverse Universe

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



3014CF



2600FF



8A14CF



605E69



1900A8



060029

Previews

White Background



This preview shows how the Hex color B3CF14 looks on a white background.

Color Contrast Check

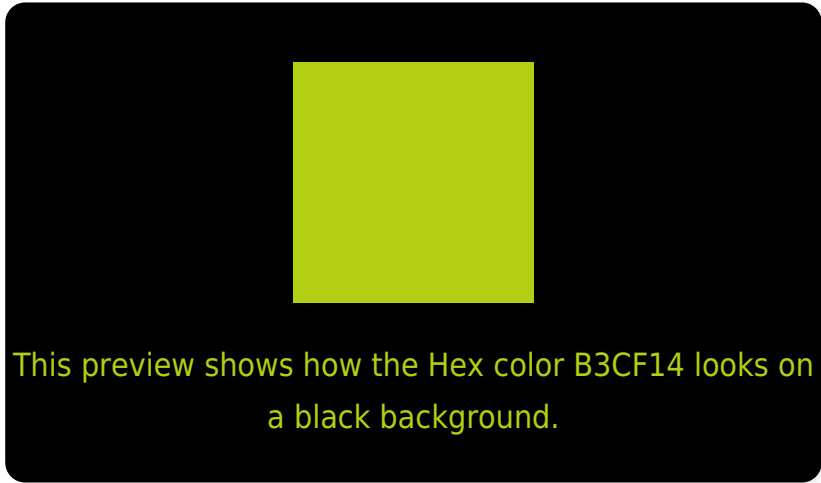
Large Text (above 18pt) WCAG AA × Fail

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 B3CF14 Background



This preview shows how black text looks on a background with the Hex color B3CF14.

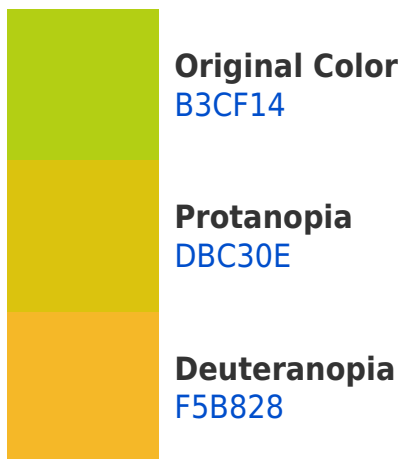


This preview shows how white text looks on a background with the Hex color B3CF14.

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](#).

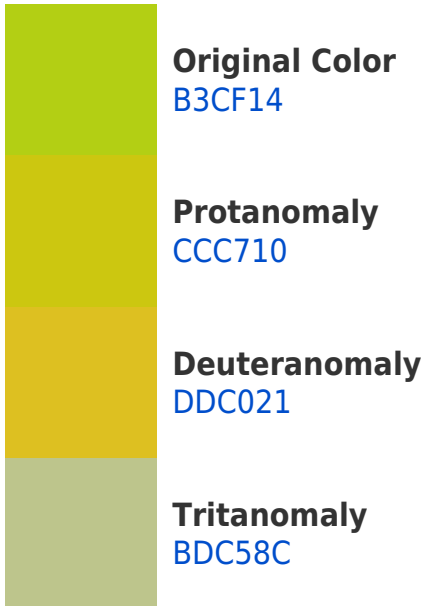
Dichromacy





Tritanopia
C3C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3CF14 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 #B3CF14 looks like.

```
.text, #text, p{  
    color:#B3CF14  
}
```

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 #B3CF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CF14
}
```

Border

The CSS property to change the border of an element to Hex B3CF14 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
#B3CF14 }
```

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

```
.border{ border-color:#B3CF14 }
```

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

Here you see how a box with a 4 pixel #B3CF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CF14; -webkit-box-shadow:4px 4px  
4px 4px #B3CF14; box-shadow:4px 4px 4px  
4px #B3CF14 }
```

Background

The CSS property to change the background color of an element to Hex B3CF14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CF14 }
```

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

```
.background{ background-color:#B3CF14 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor