

Converting Colors

Hex(B4CF30)

Have a look what the booklet for
Hex(B4CF30) contains.

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Color

Hex(B4CF30)

Conversions

Conversions Part 1

Format	Color
Hex	B4CF30
RGB	180, 207, 48
RGB Percent	71%, 81%, 19%
CMY	0.2941, 0.1882, 0.8118
CMYK	0.13, 0.00, 0.77, 0.19
HSL	70°, 62%, 50%
HSV	70°, 77%, 81%
XYZ	41.6687, 54.5423, 11.1279
YIQ	180.8010, 34.9470, -55.1730

Conversions

Conversions Part 2

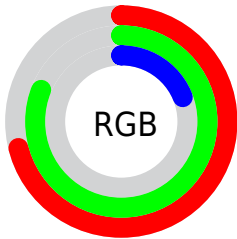
Format	Color
RYB	48, 207, 75
Decimal	11849520
CIELab	78.78, -28.69, 69.90
CIELCh	79, 75.558, 112.313
Yxy	54.5423, 0.3882, 0.5081
Android (android.graphics.Color)	4290039600 (0xFFB4CF30)
YUV	180.8010, -65.4709, -0.7025
Hunter-Lab	73.8528, -28.5303, 42.7634

Details

The Hex color **B4CF30** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4B30CF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EFF66B**, and **7B9900** is the 20% darker color. If you saturate the color by 10%, you get **B0CF1B**, and if you desaturate by 10%, it is **B8CF45**.

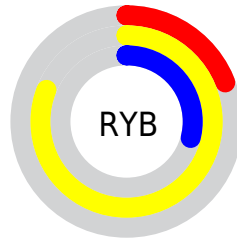
Distribution



Red (71%)

Green (81%)

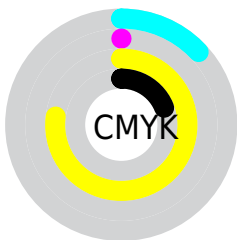
Blue (19%)



Red (19%)

Yellow (81%)

Blue (29%)

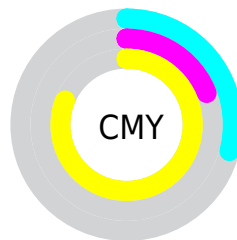


Cyan (13%)

Magenta (0%)

Yellow (77%)

Black (19%)



Cyan (29%)

Magenta (19%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4CF30 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 B4CF30 by changing the saturation by 10% instead.

 B4CF30

 B4CF30

FFFFFF

 97B301

 EFFF6B

 7B9900

 FFFF87

 5F7F00

 FFFFA3

 446600

 FFFF00

 284E00

 FFFFDD

 083600

 FFFFFB

 002200

 000000

 B4CF30

 B4CF30

 B0CF1B

 B8CF45

 ADCF07

 BBCF59

 ACCF00

 BF6CFE

 C2CF83

 C6CF98

 C9CFAC

 CDCFC1

 D0CFD6

 D4CFEA

Harmonies

Analogous

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



F6B926



B4CF30



58DD68

Triad

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



B4CF30



00DFFF



FF81D8

Complementary

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



B4CF30



4B30CF

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.



FF99FF



B4CF30



00D0FF

Square

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



B4CF30



00E4F6



A2B8FF



FF8492

Rectangle

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



B4CF30



00E296



A2B8FF



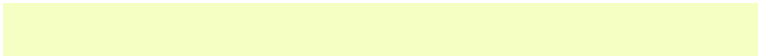
FF87EF

Sweetspot

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



B4CF30



F5FFC4



CF4B30



79805C



000000



808080

Same Dimension

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



B4CF30



D7FF14



65CF30



67695E



8CA800



222900

Inverse Universe

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



4B30CF



3C14FF



9A30CF



605E69



1D00A8



070029

Previews

White Background



This preview shows how the Hex color B4CF30 looks on a white background.

Color Contrast Check

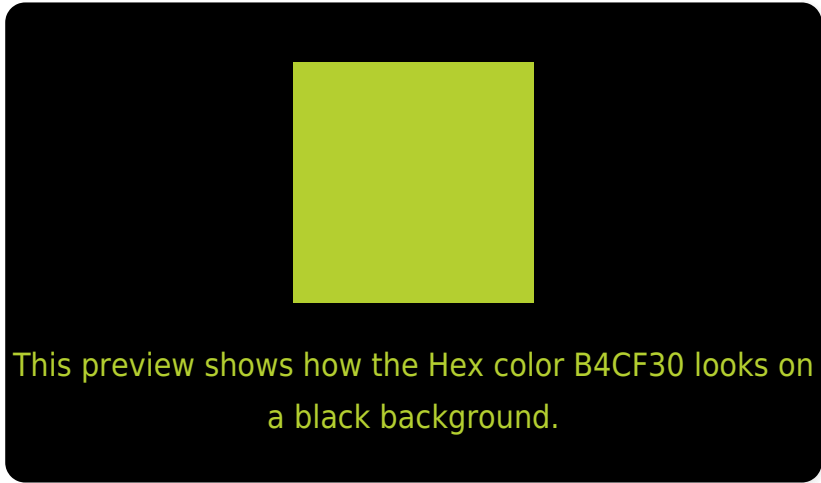
Large Text (above 18pt) WCAG AA × Fail

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 B4CF30 Background



This preview shows how black text looks on a background with the Hex color B4CF30.

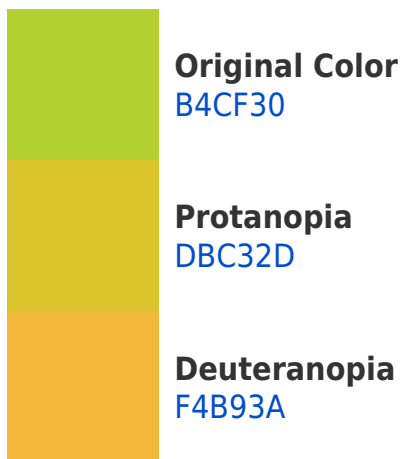


This preview shows how white text looks on a background with the Hex color B4CF30.

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](#).

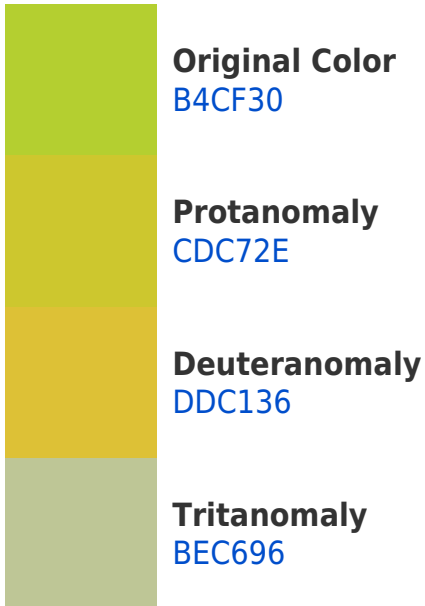
Dichromacy



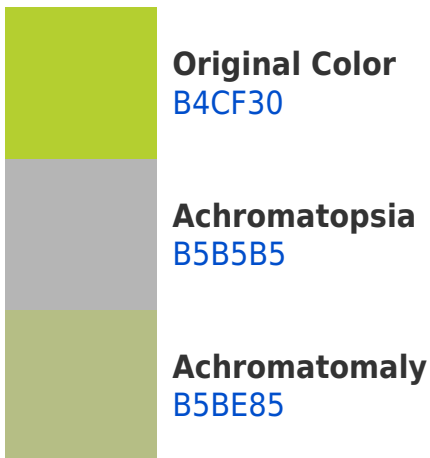


Tritanopia
C3C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4CF30 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 #B4CF30 looks like.

```
.text, #text, p{  
    color:#B4CF30  
}
```

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 #B4CF30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CF30
}
```

Border

The CSS property to change the border of an element to Hex B4CF30 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
#B4CF30 }
```

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

```
.border{ border-color:#B4CF30 }
```

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

Here you see how a box with a 4 pixel #B4CF30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CF30; -webkit-box-shadow:4px 4px  
4px 4px #B4CF30; box-shadow:4px 4px 4px  
4px #B4CF30 }
```

Background

The CSS property to change the background color of an element to Hex B4CF30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CF30 }
```

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

```
.background{ background-color:#B4CF30 }
```

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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