

# Converting Colors

Hex(B4C328)

Have a look what the booklet for  
Hex(B4C328) contains.

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**Color**

**Hex(B4C328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4C328
RGB	180, 195, 40
RGB Percent	71%, 76%, 16%
CMY	0.2941, 0.2353, 0.8431
CMYK	0.08, 0.00, 0.79, 0.24
HSL	66°, 66%, 46%
HSV	66°, 79%, 76%
XYZ	38.7205, 48.8867, 9.4028
YIQ	172.8450, 40.8150, -51.3850

# Conversions

## Conversions Part 2

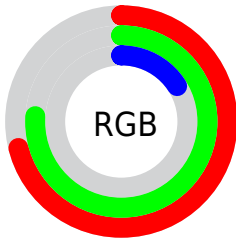
Format	Color
<a href="#">RYB</a>	<a href="#">40, 195, 55</a>
Decimal	<a href="#">11846440</a>
<a href="#">CIELab</a>	<a href="#">75.38, -23.23, 69.15</a>
<a href="#">CIElCh</a>	<a href="#">75, 72.948, 108.566</a>
<a href="#">Yxy</a>	<a href="#">48.8867, 0.3991, 0.5039</a>
Android (android.graphics.Color)	<a href="#">4290036520</a> ( <a href="#">0xFFB4C328</a> )
<a href="#">YUV</a>	<a href="#">172.8450, -65.4926, 6.2749</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.9190, -23.5067, 40.9700</a>

# Details

The Hex color **B4C328** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3728C3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EFFB64**, and **7B8D00** is the 20% darker color. If you saturate the color by 10%, you get **B2C314**, and if you desaturate by 10%, it is **B6C33C**.

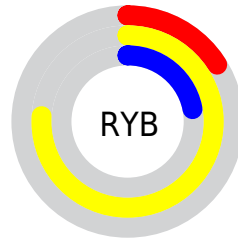
# Distribution



Red (71%)

Green (76%)

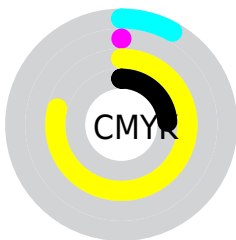
Blue (16%)



Red (16%)

Yellow (76%)

Blue (22%)

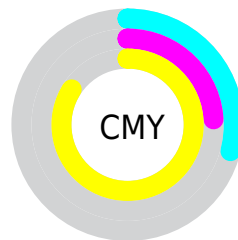


Cyan (8%)

Magenta (0%)

Yellow (79%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4C328 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 B4C328 by changing the saturation by 10% instead.



 B4C328

 B4C328

FFFFFF

 97A800

 E9F664

 7B8D00

 FFF800

 5F7400

 FFF9C

 445B00

 FFFFB8

 294400

 FFFD5

 0E2D00

 FFFFF3

 001B00

 000000

 B4C328

 B4C328

 B2C314

 B6C33C

 B0C301

 B8C34F

 B0C300

 BAC362

 BCC376

 BDC389

 BFC39D

 C1C3B1

 C3C3C4

 C5C3D8

# Harmonies

## Analogous

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



F1AD28



B4C328



62D15B

# Triad

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



B4C328



00D5FF



FF7CD6

# Complementary

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



B4C328



3728C3

# 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.



F195FF



B4C328



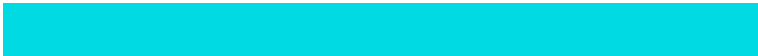
00C9FF

# Square

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



B4C328



00DAE3



88B3FF



FF7B93

# Rectangle

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



B4C328



00D686



88B3FF



FF83EC



# Sweetspot

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



B4C328



F7FCC0



C33528



7C805B



000000



808080



# Same Dimension

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



B4C328



E5FC0D



69C328



606157



91A100



1E2100



# Inverse Universe

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



3728C3



240DFC



8228C3



585761



1000A1



030021



# Previews

## White Background



This preview shows how the Hex color B4C328 looks on a white background.

## Color Contrast Check

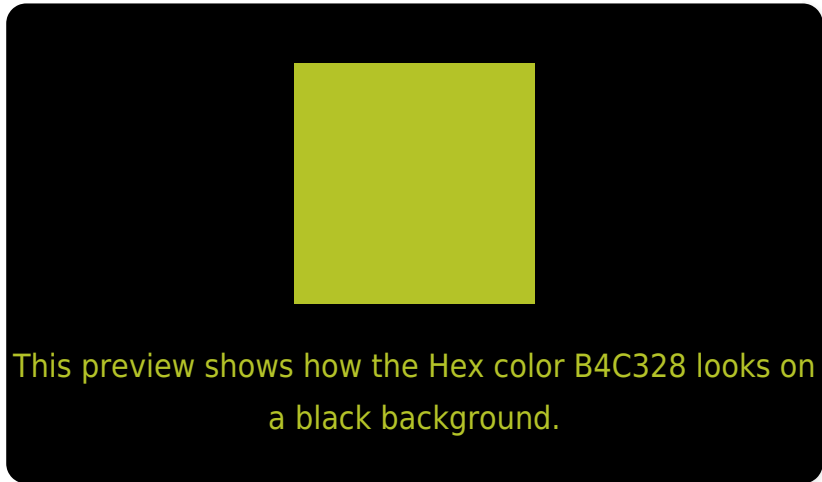
Large Text (above 18pt) WCAG AA × Fail

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 B4C328 Background



This preview shows how black text looks on a background with the Hex color B4C328.



This preview shows how white text looks on a background with the Hex color B4C328.

# 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**  
B4C328

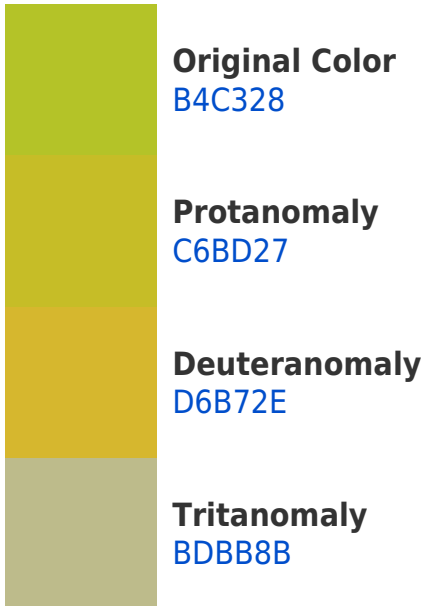
**Protanopia**  
D1BA26

**Deuteranopia**  
E9B032

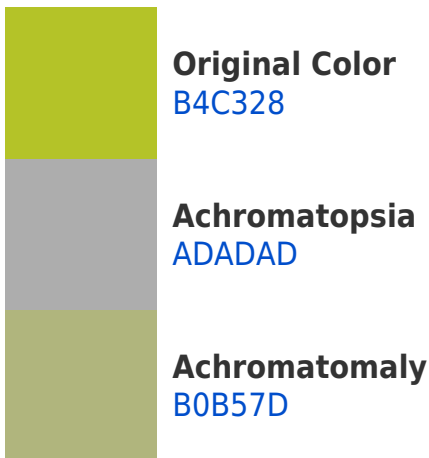


**Tritanopia**  
C2B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4C328 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 #B4C328 looks like.

```
.text, #text, p{  
    color:#B4C328  
}
```

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 #B4C328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C328
}
```

## Border

The CSS property to change the border of an element to Hex B4C328 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
#B4C328 }
```

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

```
.border{ border-color:#B4C328 }
```

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

Here you see how a box with a 4 pixel #B4C328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C328; -webkit-box-shadow:4px 4px  
4px 4px #B4C328; box-shadow:4px 4px 4px  
4px #B4C328 }
```

# Background

The CSS property to change the background color of an element to Hex B4C328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C328 }
```

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

```
.background{ background-color:#B4C328 }
```

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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