

# Converting Colors

Hex(BCB41D)

Have a look what the booklet for  
Hex(BCB41D) contains.

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**Color**

**Hex(BCB41D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB41D
RGB	188, 180, 29
RGB Percent	74%, 71%, 11%
CMY	0.2627, 0.2941, 0.8863
CMYK	0.00, 0.04, 0.85, 0.26
HSL	57°, 73%, 43%
HSV	57°, 85%, 74%
XYZ	37.2821, 43.4226, 7.5788
YIQ	165.1780, 53.2390, -45.2650

# Conversions

## Conversions Part 2

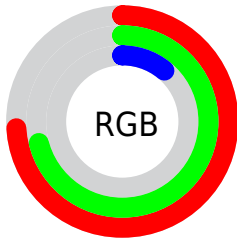
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 188, 29
Decimal	12366877
CIELab	71.84, -12.62, 69.18
CIELCh	72, 70.320, 100.336
Yxy	43.4226, 0.4223, 0.4919
Android (android.graphics.Color)	4290556957 (0xFFBCB41D)
YUV	165.1780, -67.1358, 20.0149
Hunter-Lab	65.8958, -14.3272, 39.3080

# Details

The Hex color **BCB41D** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1D25BC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F8EC5B**, and **828000** is the 20% darker color. If you saturate the color by 10%, you get **BCB30A**, and if you desaturate by 10%, it is **BCB530**.

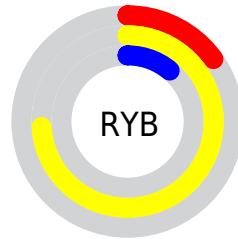
# Distribution



Red (74%)

Green (71%)

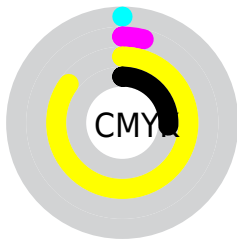
Blue (11%)



Red (15%)

Yellow (74%)

Blue (11%)

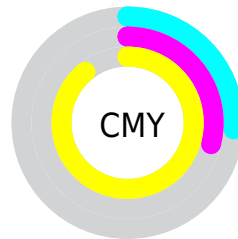


Cyan (0%)

Magenta (4%)

Yellow (85%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB41D 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 BCB41D by changing the saturation by 10% instead.



 BCB41D

 BCB41D

FFFFFF

 9F9900

 F8EC5B

 828000

 FFFF77

 676700

 FFFF93

 4B4F00

 FFFFAF

 313800

 FFFFCC

 182300

 FFFFEE

 000C00

 000000

 BCB41D

 BCB41D

 BCB30A

 BCB530

 BCB300

 BCB643

 BCB755

 BCB868


 BCB97B

 BCBA8E

 BCBA8E

 BCBA8E

 BCBA8E

 BCBA8E

 BCBA8E

 BCBA8E

 BCBA8E

# Harmonies

## Analogous

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



F39D2F



BCB41D



76C346

# Triad

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



BCB41D



00CCFF



FF7ADD

# Complementary

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



BCB41D



1D25BC

# 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.



D095FF



BCB41D



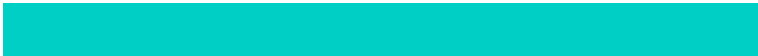
00C3FF

# Square

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



BCB41D



00CFC5



50B0FF



FF729C

# Rectangle

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



BCB41D



1FCA6D



50B0FF



FE82F1



# Sweetspot

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



BCB41D



F5F2B8



BC1D28



7A7956



FAFAFA



7A7A7A



# Same Dimension

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



BCB41D



F5E800



77BC1D



5E5E55



9E9600



1F1D00



# Inverse Universe

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



1D25BC



000CF5



621DBC



55555E



00089E



00021F



# Previews

## White Background



This preview shows how the Hex color BCB41D looks on a white background.

## Color Contrast Check

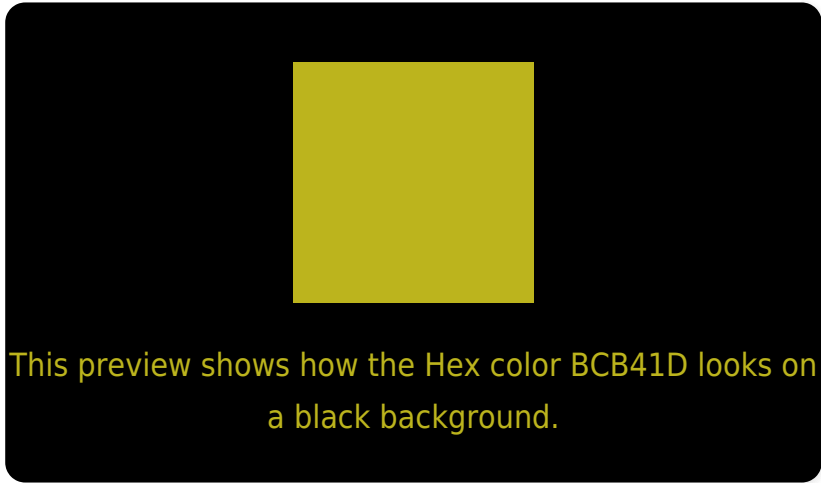
Large Text (above 18pt) WCAG AA × Fail

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 BCB41D Background



This preview shows how black text looks on a background with the Hex color BCB41D.



This preview shows how white text looks on a background with the Hex color BCB41D.

# 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**  
BCB41D

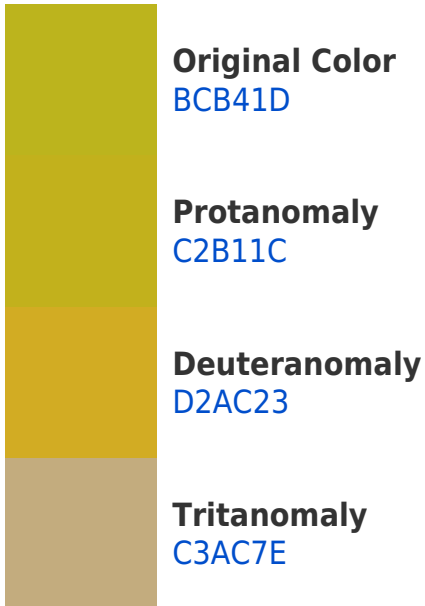
**Protanopia**  
C6B01C

**Deuteranopia**  
DEA726

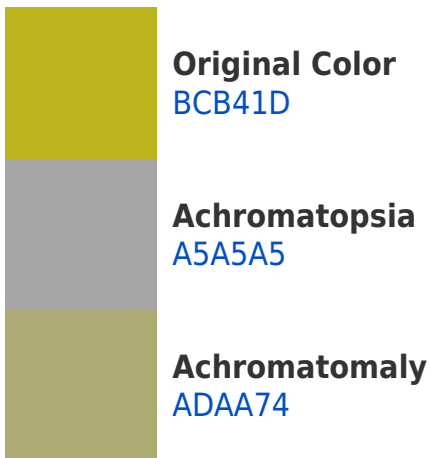


**Tritanopia**  
C7A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB41D 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 #BCB41D looks like.

```
.text, #text, p{  
    color:#BCB41D  
}
```

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 #BCB41D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB41D
}
```

## Border

The CSS property to change the border of an element to Hex BCB41D 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
#BCB41D }
```

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

```
.border{ border-color:#BCB41D }
```

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

Here you see how a box with a 4 pixel #BCB41D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB41D; -webkit-box-shadow:4px 4px  
4px 4px #BCB41D; box-shadow:4px 4px 4px  
4px #BCB41D }
```

# Background

The CSS property to change the background color of an element to Hex BCB41D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB41D }
```

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

```
.background{ background-color:#BCB41D }
```

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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