

# Converting Colors

Hex(BFC12D)

Have a look what the booklet for  
Hex(BFC12D) contains.

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# **Color**

**Hex(BFC12D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFC12D
RGB	191, 193, 45
RGB Percent	75%, 76%, 18%
CMY	0.2510, 0.2431, 0.8235
CMYK	0.01, 0.00, 0.77, 0.24
HSL	61°, 62%, 47%
HSV	61°, 77%, 76%
XYZ	41.0295, 49.4058, 9.8564
YIQ	175.5300, 46.3160, -46.4520

# Conversions

## Conversions Part 2

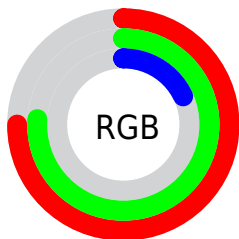
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 193, 47
Decimal	12566829
CIELab	75.70, -17.39, 68.31
CIELCh	76, 70.486, 104.283
Yxy	49.4058, 0.4091, 0.4926
Android (android.graphics.Color)	4290756909 (0xFFBFC12D)
YUV	175.5300, -64.3513, 13.5672
Hunter-Lab	70.2892, -18.8115, 40.8884

# Details

The Hex color **BFC12D** 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 **2F2DC1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FAF967**, and **868C00** is the 20% darker color. If you saturate the color by 10%, you get **BFC11A**, and if you desaturate by 10%, it is **BFC140**.

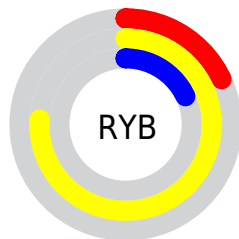
# Distribution



Red (75%)

Green (76%)

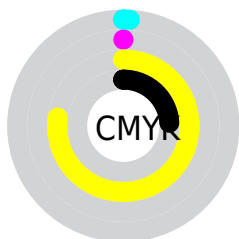
Blue (18%)



Red (18%)

Yellow (76%)

Blue (18%)

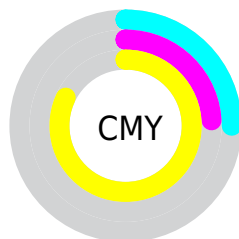


Cyan (1%)

Magenta (0%)

Yellow (77%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFC12D 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 BFC12D by changing the saturation by 10% instead.



 BFC12D

 BFC12D

FFFFFF

 A2A600

 FAF967

 868C00

 FFFF83

 6A7200

 FFFF9F

 4F5A00

 FFFFBC

 344300

 FFFFD9

 1A2D00

 FFFFF6

 001A00

 000000

 BFC12D

 BFC12D

 BFC11A

 BFC140

 BEC106

 C0C154

 BEC100

 C0C167

 C0C17A

 C0C18E

 C1C1A1

 C1C1B4

 C1C1C7

 C1C1DB

# Harmonies

## Analogous

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



F9AB35



BFC12D



75D057

# Triad

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



BFC12D



00D6FF



FF83E0

# Complementary

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



BFC12D



2F2DC1

# 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.



E69CFF



BFC12D



00CBFF

# Square

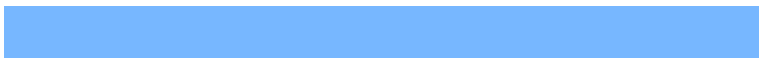
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BFC12D



00DAD9



77B7FF



FF7E9E

# Rectangle

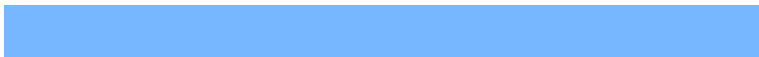
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BFC12D



00D67F



77B7FF



FF8AF4

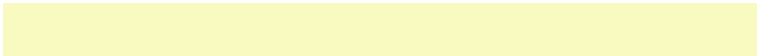


# Sweetspot

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



BFC12D



F9FAC0



C12D2D



7C7D5A



FCFCFC



7D7D7D



# Same Dimension

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



BFC12D



F7FA14



77C12D



616157



9EA100



212100



# Inverse Universe

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



2F2DC1



1714FA



772DC1



575761



0200A1



000021



# Previews

## White Background



This preview shows how the Hex color BFC12D looks on a white background.

## Color Contrast Check

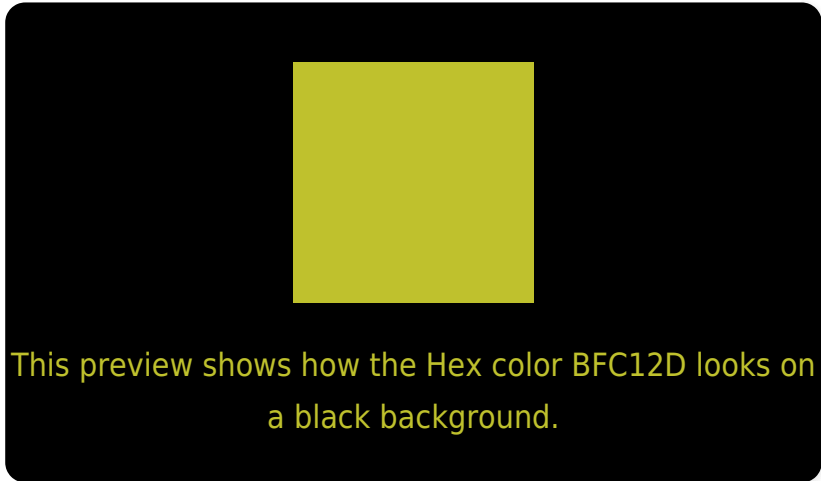
Large Text (above 18pt) WCAG AA × Fail

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 BFC12D Background



This preview shows how black text looks on a background with the Hex color BFC12D.



This preview shows how white text looks on a background with the Hex color BFC12D.

# 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**  
BFC12D

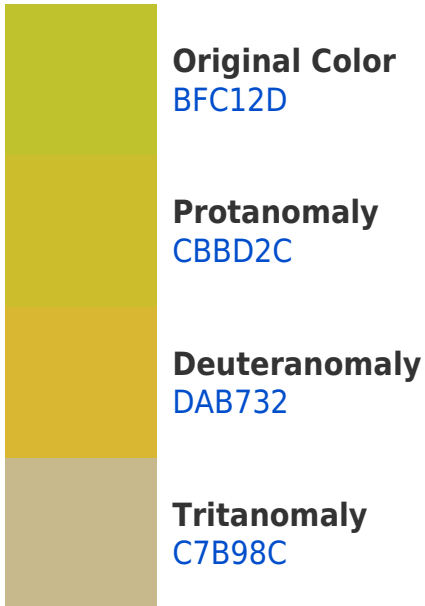
**Protanopia**  
D2BB2B

**Deuteranopia**  
EAB135



**Tritanopia**  
CBB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFC12D 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 #BFC12D looks like.

```
.text, #text, p{  
    color:#BFC12D  
}
```

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 #BFC12D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFC12D
}
```

## Border

The CSS property to change the border of an element to Hex BFC12D 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
#BFC12D }
```

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

```
.border{ border-color:#BFC12D }
```

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

Here you see how a box with a 4 pixel #BFC12D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFC12D; -webkit-box-shadow:4px 4px  
4px 4px #BFC12D; box-shadow:4px 4px 4px  
4px #BFC12D }
```

# Background

The CSS property to change the background color of an element to Hex BFC12D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFC12D }
```

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

```
.background{ background-color:#BFC12D }
```

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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