

# Converting Colors

Hex(BFC41F)

Have a look what the booklet for  
Hex(BFC41F) contains.

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# **Color**

**Hex(BFC41F)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BFC41F                      |
| RGB         | 191, 196, 31                |
| RGB Percent | 75%, 77%, 12%               |
| CMY         | 0.2510, 0.2314, 0.8784      |
| CMYK        | 0.03, 0.00, 0.84, 0.23      |
| HSL         | 62°, 73%, 45%               |
| HSV         | 62°, 84%, 77%               |
| XYZ         | 41.4731, 50.6552, 8.8879    |
| YIQ         | 175.6950, 49.9850, -52.3750 |

# Conversions

## Conversions Part 2

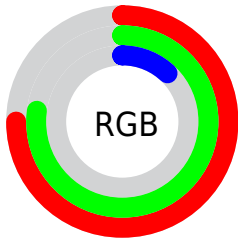
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 31, 196, 36                    |
| Decimal                             | 12567583                       |
| CIE <sub>Lab</sub>                  | 76.47, -19.34, 72.67           |
| CIE <sub>LCh</sub>                  | 76, 75.201, 104.900            |
| Yxy                                 | 50.6552, 0.4106,<br>0.5015     |
| Android<br>(android.graphics.Color) | 4290757663<br>(0xFFBFC41F)     |
| YUV                                 | 175.6950, -71.3346,<br>13.4225 |
| Hunter-Lab                          | 71.1724, -20.5375,<br>42.4167  |

# Details

The Hex color **BFC41F** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **241FC4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FBFC5E**, and **858F00** is the 20% darker color. If you saturate the color by 10%, you get **BEC40B**, and if you desaturate by 10%, it is **C0C433**.

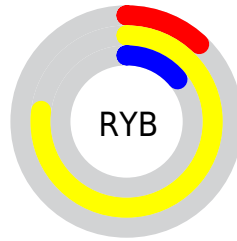
# Distribution



Red (75%)

Green (77%)

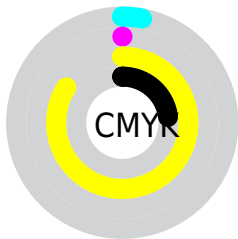
Blue (12%)



Red (12%)

Yellow (77%)

Blue (14%)

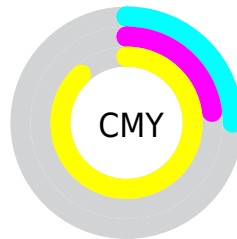


Cyan (3%)

Magenta (0%)

Yellow (84%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFC41F 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 BFC41F by changing the saturation by 10% instead.



 BFC41F

 BFC41F

FFFFFF

 A2A900

 FBFC5E

 858F00

 FFFF7B

 697500

 FFFF97

 4E5D00

 FFFFB4

 334500

 FFFFD1

 192F00

 FFFFEE

 001C00

 000000

 BFC41F

 BFC41F

 BEC40B

 C0C433

 BEC400

 C0C446

 C1C45A

 C1C46D

 C2C481

 C3C495

 C3C4A8

 C4C4BC

 C4C4CF

# Harmonies

## Analogous

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



FDAC29



BFC41F



6ED353

# Triad

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



BFC41F



00DAFF



FF7FE3

# Complementary

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



BFC41F



241FC4

# 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.



EC9BFF



BFC41F



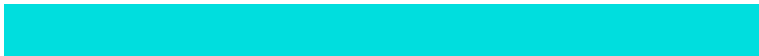
00CEFF

# Square

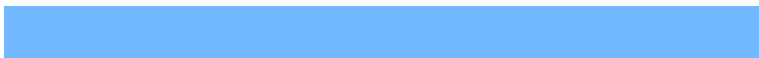
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BFC41F



00DEDE



73B9FF



FF7A9D

# Rectangle

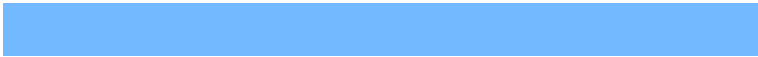
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BFC41F



00D97E



73B9FF



FF87F9



# Sweetspot

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



BFC41F



FDFFBF



C4221F



7E8059



000000



808080



# Same Dimension

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



BFC41F



F7FF00



6FC41F



616157



9CA100



202100



# Inverse Universe

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



241FC4



0800FF



741FC4



585761



0500A1



010021



# Previews

## White Background



This preview shows how the Hex color BFC41F looks on a white background.

## Color Contrast Check

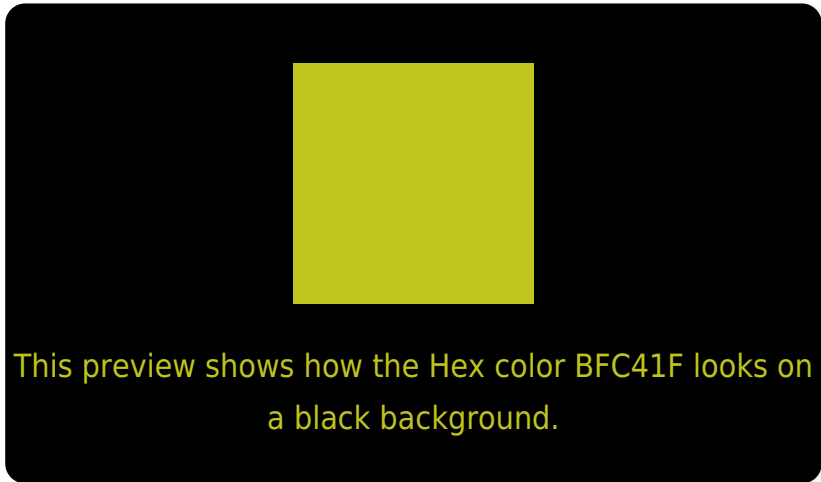
Large Text (above 18pt) WCAG AA × Fail

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 BFC41F Background



This preview shows how black text looks on a background with the Hex color BFC41F.



This preview shows how white text looks on a background with the Hex color BFC41F.

# 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**  
BFC41F

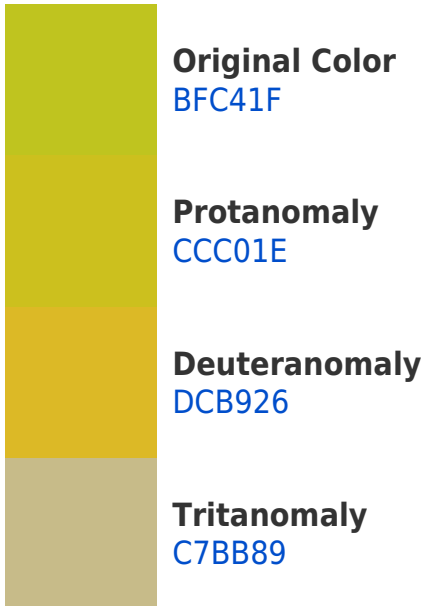
**Protanopia**  
D4BD1D

**Deuteranopia**  
EDB32A

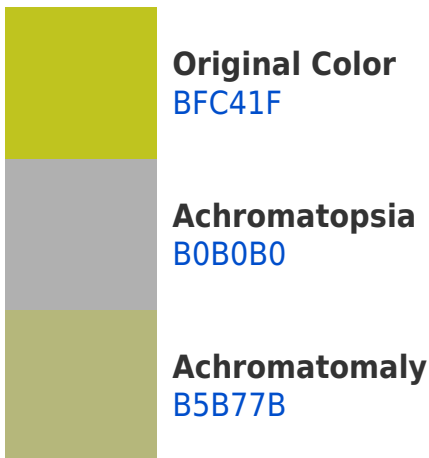


**Tritanopia**  
CCB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFC41F 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 #BFC41F looks like.

```
.text, #text, p{  
    color:#BFC41F  
}
```

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 #BFC41F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFC41F
}
```

## Border

The CSS property to change the border of an element to Hex BFC41F 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
#BFC41F }
```

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

```
.border{ border-color:#BFC41F }
```

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

Here you see how a box with a 4 pixel #BFC41F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFC41F; -webkit-box-shadow:4px 4px  
4px 4px #BFC41F; box-shadow:4px 4px 4px  
4px #BFC41F }
```

# Background

The CSS property to change the background color of an element to Hex BFC41F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFC41F }
```

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

```
.background{ background-color:#BFC41F }
```

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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