

# Converting Colors

Hex(BFC578)

Have a look what the booklet for  
Hex(BFC578) contains.

<b>Hex(BFC578)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BFC578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFC578
RGB	191, 197, 120
RGB Percent	75%, 77%, 47%
CMY	0.2510, 0.2275, 0.5294
CMYK	0.03, 0.00, 0.39, 0.23
HSL	65°, 40%, 62%
HSV	65°, 39%, 77%
XYZ	44.8423, 52.3649, 25.5133
YIQ	186.4280, 21.1410, -25.2190

# Conversions

## Conversions Part 2

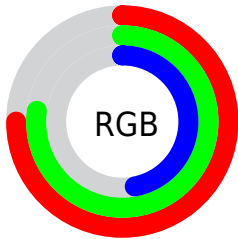
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 197, 126
Decimal	12567928
CIELab	77.50, -13.77, 37.90
CIElCh	77, 40.327, 109.964
Yxy	52.3649, 0.3654, 0.4267
Android (android.graphics.Color)	4290758008 (0xFFBFC578)
YUV	186.4280, -32.7490, 4.0096
Hunter-Lab	72.3636, -16.0235, 29.7506

# Details

The Hex color **BFC578** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7E78C5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F8FEAD**, and **888F46** is the 20% darker color. If you saturate the color by 10%, you get **BDC564**, and if you desaturate by 10%, it is **C1C58C**.

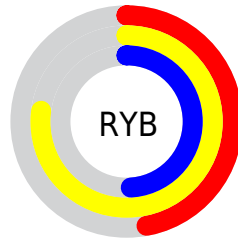
# Distribution



Red (75%)

Green (77%)

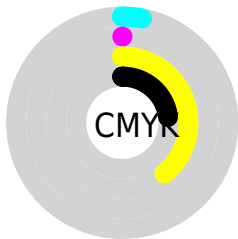
Blue (47%)



Red (47%)

Yellow (77%)

Blue (49%)

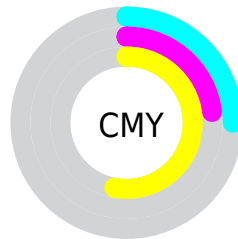


Cyan (3%)

Magenta (0%)

Yellow (39%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFC578 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 BFC578 by changing the saturation by 10% instead.





BFC578



BFC578

FFFFFF



A3AA5E



F8FEAD



888F46



FFFFC9



6E762D



FFFFE5



545D15



3C4600



242F00



061B00



000000



BFC578



BFC578

 BDC564

 C1C58C

 BCC551

 C2C59F

 BAC53D

 C4C5B3

 B9C529

 C5C5C7

 B7C516

 C7C5DB

 B6C502

 C8C5EE

 B6C500

 CAC5FF

 CBC5FF

 CDC5FF

# Harmonies

## Analogous

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



E4B976



BFC578



94CE8E

# Triad

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



BFC578



35CFF8



FFA4CE

# Complementary

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



BFC578



7E78C5

# 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.



E2ADF0



BFC578



74C7FF

# Square

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



BFC578



31D3D8



B2BAFF



FFA4A8

# Rectangle

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



BFC578



75D2A5



B2BAFF



F9A6DA



# Sweetspot

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



BFC578



FDFFE0



C57D78



7E806E



000000



808080



# Same Dimension

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



BFC578



F6FF87



99C578



63635A



96A300



212400



# Inverse Universe

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



7E78C5



9087FF



A478C5



5A5A63



0D00A3



030024



# Previews

## White Background



This preview shows how the Hex color BFC578 looks on a white background.

## Color Contrast Check

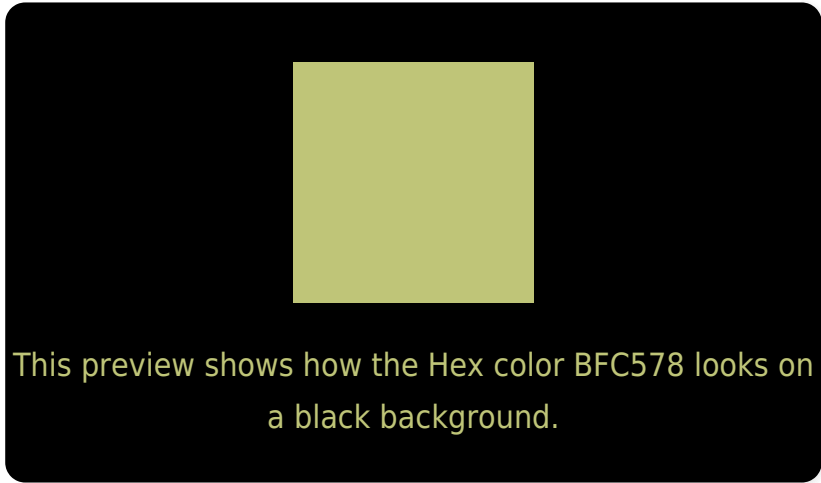
Large Text (above 18pt) WCAG AA × Fail

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

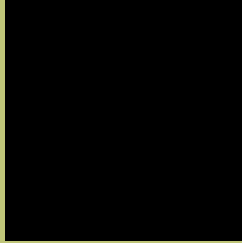
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BFC578 Background



This preview shows how black text looks on a background with the Hex color BFC578.

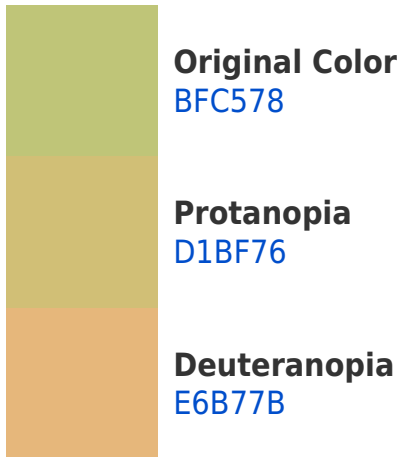


This preview shows how white text looks on a background with the Hex color BFC578.

# 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](#).

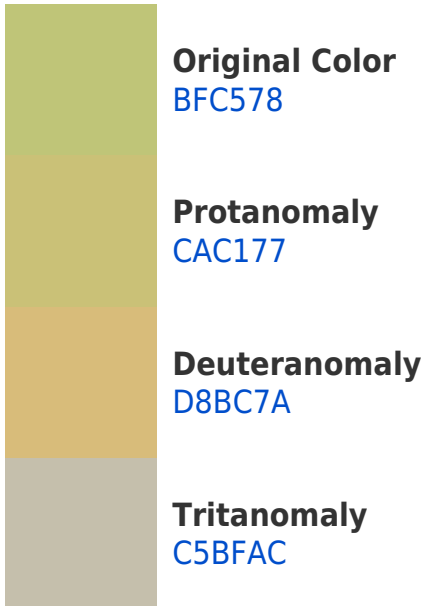
## Dichromacy





**Tritanopia**  
C9BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFC578 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 #BFC578 looks like.

```
.text, #text, p{  
    color:#BFC578  
}
```

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 #BFC578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFC578
}
```

## Border

The CSS property to change the border of an element to Hex BFC578 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
#BFC578 }
```

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

```
.border{ border-color:#BFC578 }
```

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

Here you see how a box with a 4 pixel #BFC578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFC578; -webkit-box-shadow:4px 4px  
4px 4px #BFC578; box-shadow:4px 4px 4px  
4px #BFC578 }
```

# Background

The CSS property to change the background color of an element to Hex BFC578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFC578 }
```

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

```
.background{ background-color:#BFC578 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor