

# Converting Colors

Hex(BFB95C)

Have a look what the booklet for  
Hex(BFB95C) contains.

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**Color**

**Hex(BFB95C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFB95C
RGB	191, 185, 92
RGB Percent	75%, 73%, 36%
CMY	0.2510, 0.2745, 0.6392
CMYK	0.00, 0.03, 0.52, 0.25
HSL	56°, 44%, 55%
HSV	56°, 52%, 75%
XYZ	40.7666, 46.5470, 16.9611
YIQ	176.1920, 33.4290, -27.6510

# Conversions

## Conversions Part 2

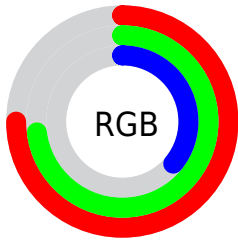
Format	Color
<a href="#">RYB</a>	<a href="#">98, 191, 92</a>
Decimal	<a href="#">12564828</a>
CIELab	<a href="#">73.90, -10.42, 47.39</a>
CIELCh	<a href="#">74, 48.519, 102.405</a>
Yxy	<a href="#">46.5470, 0.3910, 0.4464</a>
Android (android.graphics.Color)	<a href="#">4290754908 (0xFFBFB95C)</a>
YUV	<a href="#">176.1920, -41.5067, 12.9866</a>
Hunter-Lab	<a href="#">68.2254, -12.7356, 33.0181</a>

# Details

The Hex color **BFB95C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5C62BF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F9F191**, and **878429** is the 20% darker color. If you saturate the color by 10%, you get **BFB849**, and if you desaturate by 10%, it is **BFBA6F**.

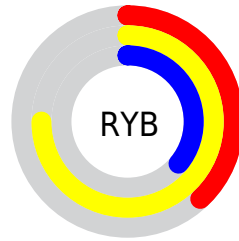
# Distribution



Red (75%)

Green (73%)

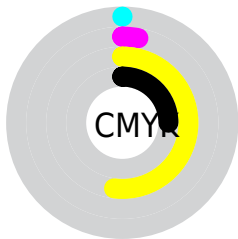
Blue (36%)



Red (38%)

Yellow (75%)

Blue (36%)

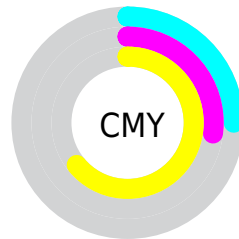


Cyan (0%)

Magenta (3%)

Yellow (52%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB95C 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 BFB95C by changing the saturation by 10% instead.





BFB95C



BFB95C

FFFFFF



A39E42



F9F191



878429



FFFFAC



6C6B0B



FFFFC8



525300



FFFFE4



393C00



202700



001300



000000



BFB95C



BFB95C

 BFB849

 BFBA6F

 BFB736

 BFBB82

 BFB623

 BFBC95

 BFB410

 BFBEA8

 BFB300

 BFBFBB

 BFC0CF

 BFC1E2

 BFC2F5

 BFC3FF

# Harmonies

## Analogous

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



E7AA60



BFB95C



8EC472

# Triad

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



BFB95C



00CAF0



FB95D2

# Complementary

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



BFB95C



5C62BF

# 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.



D2A3F8



BFB95C



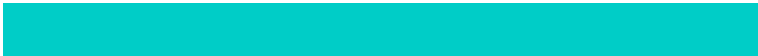
17C2FF

# Square

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



BFB95C



00CDC7



8FB4FF



FF91A5

# Rectangle

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



BFB95C



66C98B



8FB4FF



F099E0

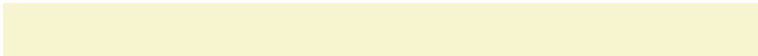


# Sweetspot

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



BFB95C



F7F5D0



BF5C63



7D7C65



FCFCFC



7D7D7D



# Same Dimension

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



BFB95C



F7EE5E



94BF5C



5E5E55



9E9500



1F1D00



# Inverse Universe

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



5C62BF



5E67F7



875CBF



55555E



000A9E



00021F



# Previews

## White Background



This preview shows how the Hex color BFB95C looks on a white background.

## Color Contrast Check

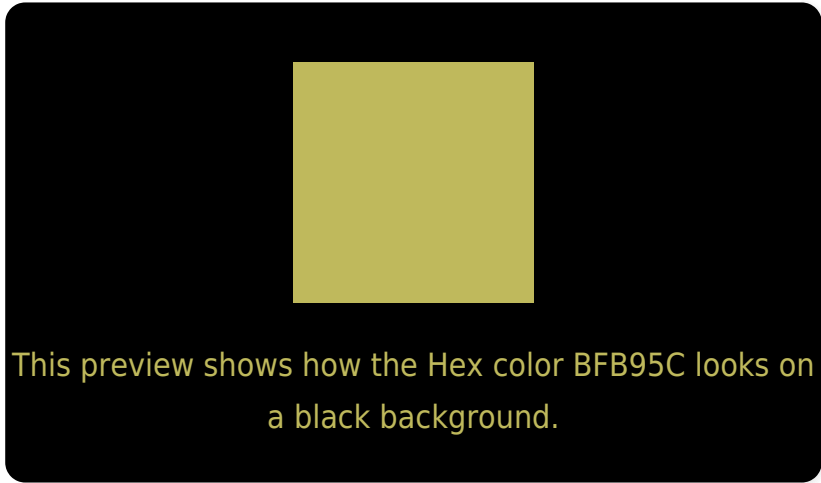
Large Text (above 18pt) WCAG AA × Fail

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

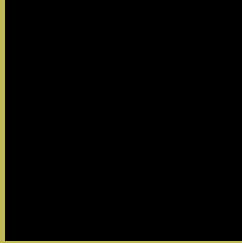
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFB95C Background



This preview shows how black text looks on a background with the Hex color BFB95C.



This preview shows how white text looks on a background with the Hex color BFB95C.

# 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**  
BFB95C

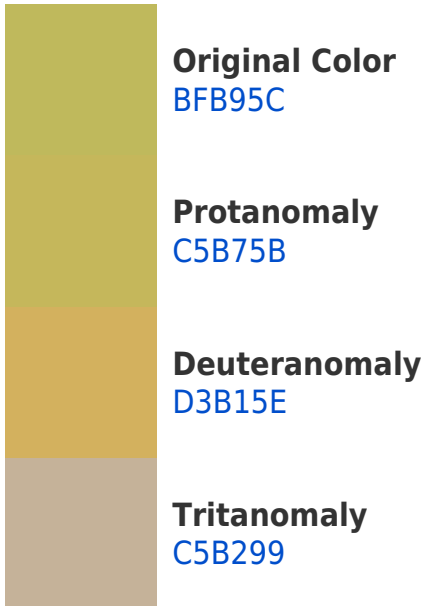
**Protanopia**  
C9B65B

**Deuteranopia**  
DFAD5F



**Tritanopia**  
C9AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB95C 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 #BFB95C looks like.

```
.text, #text, p{  
    color:#BFB95C  
}
```

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 #BFB95C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB95C
}
```

## Border

The CSS property to change the border of an element to Hex BFB95C 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
#BFB95C }
```

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

```
.border{ border-color:#BFB95C }
```

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

Here you see how a box with a 4 pixel #BFB95C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB95C; -webkit-box-shadow:4px 4px  
4px 4px #BFB95C; box-shadow:4px 4px 4px  
4px #BFB95C }
```

# Background

The CSS property to change the background color of an element to Hex BFB95C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB95C }
```

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

```
.background{ background-color:#BFB95C }
```

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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