

# Converting Colors

Hex(CFB6B6)

Have a look what the booklet for  
Hex(CFB6B6) contains.

<b>Hex(CFB6B6)</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(CFB6B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFB6B6
RGB	207, 182, 182
RGB Percent	81%, 71%, 71%
CMY	0.1882, 0.2863, 0.2863
CMYK	0.00, 0.12, 0.12, 0.19
HSL	0°, 21%, 76%
HSV	0°, 12%, 81%
XYZ	50.9036, 50.0987, 51.2431
YIQ	189.4750, 14.9000, 5.3000

# Conversions

## Conversions Part 2

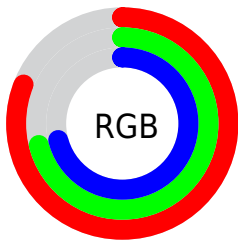
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 182, 182</a>
Decimal	<a href="#">13612726</a>
CIELab	<a href="#">76.13, 8.93, 3.28</a>
CIElCh	<a href="#">76, 9.515, 20.139</a>
Yxy	<a href="#">50.0987, 0.3344, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4291802806</a> ( <a href="#">0xFFCFB6B6</a> )
YUV	<a href="#">189.4750, -3.6852, 15.3694</a>
Hunter-Lab	<a href="#">70.7804, 4.5071, 6.6220</a>

# Details

The Hex color **CFB6B6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B6CFCF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFEEEE**, and **988181** is the 20% darker color. If you saturate the color by 10%, you get **CFA1A1**, and if you desaturate by 10%, it is **CFCBCB**.

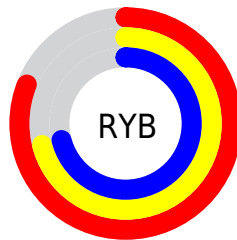
# Distribution



Red (81%)

Green (71%)

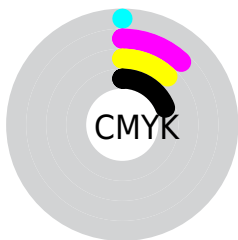
Blue (71%)



Red (81%)

Yellow (71%)

Blue (71%)

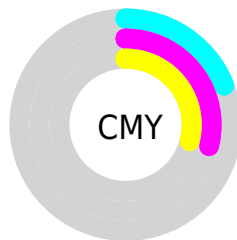


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFB6B6 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 CFB6B6 by changing the saturation by 10% instead.



 CFB6B6

 CFB6B6

FFFFFF

 B39B9B

 FFEEDD

 988181

 7E6868

 655050

 4D3939

 362324

 210E0E

 000000

 CFB6B6

 CFB6B6

 CFA1A1

 CFCBCB

 CF8D8D

 CFDFDF

 CF7878

 CFF4F4

 CF6363

 CFFFFFF

 CF4F4F

 CF3A3A

 CF2525

 CF1010

 CF0000

# Harmonies

## Analogous

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



CCB6BF



CFB6B6



CDB8AF

# Triad

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



CFB6B6



B2BFB0



AFBDCD

# Complementary

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



CFB6B6



B6CFCF

# 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.



A8C0C9



CFB6B6



AAC1B8

# Square

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



CFB6B6



BDBDAB



A6C1C1



BABACC

# Rectangle

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



CFB6B6



C9B9AB



A6C1C1



ACBECC



# Sweetspot

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



CFB6B6



FFF5F5



CFB6CF



807979



000000



808080



# Same Dimension

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



CFB6B6



FFDBDB



CFC3B6



695E5E



A80000



290000



# Inverse Universe

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



B6CFCF



DBFFFF



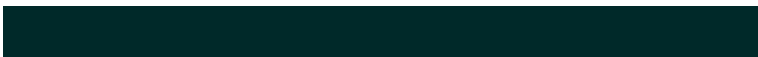
B6C3CF



5E6969



00A8A8



002929



# Previews

## White Background



This preview shows how the Hex color CFB6B6 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



This preview shows how the Hex color CFB6B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

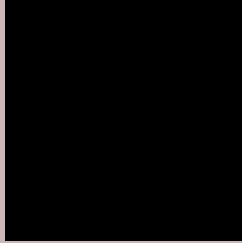
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFB6B6 Background



This preview shows how black text looks on a background with the Hex color CFB6B6.



This preview shows how white text looks on a background with the Hex color CFB6B6.

# 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**  
D1B4C2

# Trichromacy



**Original Color**  
CFB6B6

**Protanomaly**  
C5B9B8

**Deuteranomaly**  
D0B6B6

**Tritanomaly**  
D0B5BE

# Monochromacy



**Original Color**  
CFB6B6

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
C4BABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFB6B6 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 #CFB6B6 looks like.

```
.text, #text, p{  
    color:#CFB6B6  
}
```

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 #CFB6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFB6B6  
}
```

## Border

The CSS property to change the border of an element to Hex CFB6B6 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  
#CFB6B6 }
```

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

```
.border{ border-color:#CFB6B6 }
```

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

Here you see how a box with a 4 pixel #CFB6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFB6B6; -webkit-box-shadow:4px 4px  
4px 4px #CFB6B6; box-shadow:4px 4px 4px  
4px #CFB6B6 }
```

# Background

The CSS property to change the background color of an element to Hex CFB6B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFB6B6 }
```

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

```
.background{ background-color:#CFB6B6 }
```

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