

# Converting Colors

Hex(CFB3D5)

Have a look what the booklet for  
Hex(CFB3D5) contains.

<b>Hex(CFB3D5)</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(CFB3D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFB3D5
RGB	207, 179, 213
RGB Percent	81%, 70%, 84%
CMY	0.1882, 0.2980, 0.1647
CMYK	0.03, 0.16, 0.00, 0.16
HSL	289°, 29%, 77%
HSV	289°, 16%, 84%
XYZ	53.8625, 50.3097, 69.8227
YIQ	191.2480, 5.7740, 16.5100

# Conversions

## Conversions Part 2

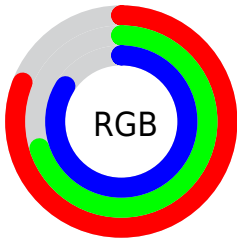
Format	Color
R <sub>Y</sub> B	207, 179, 213
Decimal	13611989
CIE Lab	76.26, 16.10, -13.40
CIE LCh	76, 20.944, 320.220
Yxy	50.3097, 0.3096, 0.2891
Android (android.graphics.Color)	4291802069 (0xFFCFB3D5)
YUV	191.2480, 10.7237, 13.8145
Hunter-Lab	70.9293, 11.4234, -8.7144

# Details

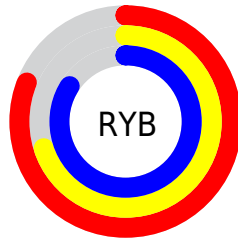
The Hex color **CFB3D5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9D5B3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFEBFF**, and **987E9E** is the 20% darker color. If you saturate the color by 10%, you get **CB9ED5**, and if you desaturate by 10%, it is **D3C8D5**.

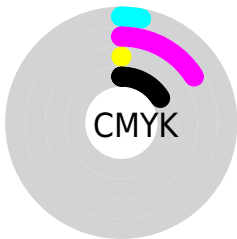
# Distribution



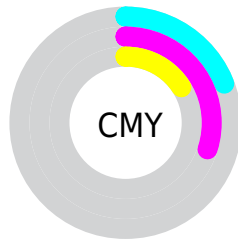
- Red (81%)
- Green (70%)
- Blue (84%)



- Red (81%)
- Yellow (70%)
- Blue (84%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (30%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFB3D5 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 CFB3D5 by changing the saturation by 10% instead.



 CFB3D5

 CFB3D5

FFFFFF

 B398B9

 FFE8FF

 987E9E

 7E6584

 654D6B

 4D3653

 36203C

 200B26

 000110

 000000

 CFB3D5

 CFB3D5

 CB9ED5

 D3C8D5

 C788D5

 D7DED5

 C473D5

 DAF3D5

 C05ED5

 DEFFD5

 BC48D5

 E2FFD5

 B833D5

 E6FFD5

 B51ED5

 E9FFD5

 B109D5

 EDFFD5

 AF00D5

 F1FFD5

# Harmonies

## Analogous

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



B7B9E0



CFB3D5



DFAFC3

# Triad

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



CFB3D5



D1B996



88C7C9

# Complementary

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



CFB3D5



B9D5B3

# 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.



93C7B5



CFB3D5



BDBF98

# Square

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



CFB3D5



DFB39F



A7C4A3



8BC5D9

# Rectangle

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



CFB3D5



E4AEB6



A7C4A3



8AC7C2



# Sweetspot

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



CFB3D5



FDF2FF



B3B9D5



7E7880



000000



808080



# Same Dimension

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



CFB3D5



F6CFFF



D5B3CA



69606B



8D00AB



24002B



# Inverse Universe

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



D5B3B9



FFCFD7



B3D5BE



6B6062



AB001E

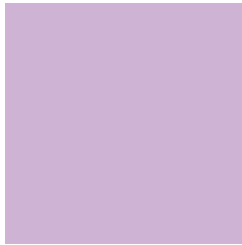


2B0008



# Previews

## White Background



This preview shows how the Hex color CFB3D5 looks on a white background.

## Color Contrast Check

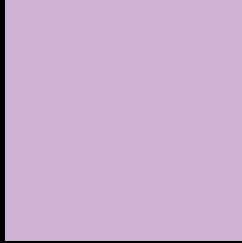
Large Text (above 18pt) WCAG AA × Fail

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 CFB3D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

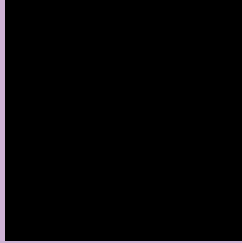
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFB3D5 Background



This preview shows how black text looks on a background with the Hex color CFB3D5.



This preview shows how white text looks on a background with the Hex color CFB3D5.

# 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**  
CFB3D5

**Protanopia**  
B7BBDA

**Deuteranopia**  
C3B7D4



**Tritanopia**  
CCB6C4

# Trichromacy



**Original Color**  
CFB3D5

**Protanomaly**  
C0B8D8

**Deuteranomaly**  
C7B6D4

**Tritanomaly**  
CDB5CA

# Monochromacy



**Original Color**  
CFB3D5

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
C5BBC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFB3D5 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 #CFB3D5 looks like.

```
.text, #text, p{  
    color:#CFB3D5  
}
```

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 #CFB3D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFB3D5
}
```

## Border

The CSS property to change the border of an element to Hex CFB3D5 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
#CFB3D5 }
```

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

```
.border{ border-color:#CFB3D5 }
```

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

Here you see how a box with a 4 pixel #CFB3D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFB3D5; -webkit-box-shadow:4px 4px  
4px 4px #CFB3D5; box-shadow:4px 4px 4px  
4px #CFB3D5 }
```

# Background

The CSS property to change the background color of an element to Hex CFB3D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFB3D5 }
```

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

```
.background{ background-color:#CFB3D5 }
```

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