

# Converting Colors

Hex(CFB6F4)

Have a look what the booklet for  
Hex(CFB6F4) contains.

<b>Hex(CFB6F4)</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(CFB6F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFB6F4
RGB	207, 182, 244
RGB Percent	81%, 71%, 96%
CMY	0.1882, 0.2863, 0.0431
CMYK	0.15, 0.25, 0.00, 0.04
HSL	264°, 74%, 84%
HSV	264°, 25%, 96%
XYZ	58.7892, 53.2529, 92.7683
YIQ	196.5430, -5.0020, 24.5820

# Conversions

## Conversions Part 2

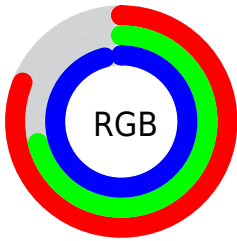
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 182, 244</a>
Decimal	<a href="#">13612788</a>
CIELab	<a href="#">78.02, 20.74, -27.49</a>
CIELCh	<a href="#">78, 34.436, 307.027</a>
Yxy	<a href="#">53.2529, 0.2870, 0.2600</a>
Android (android.graphics.Color)	<a href="#">4291802868 (0xFFCFB6F4)</a>
YUV	<a href="#">196.5430, 23.3963, 9.1708</a>
Hunter-Lab	<a href="#">72.9746, 16.0961, -24.2896</a>

# Details

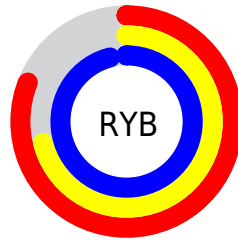
The Hex color **CFB6F4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DBF4B6**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEEFF**, and **9881BC** is the 20% darker color. If you saturate the color by 10%, you get **C09EF4**, and if you desaturate by 10%, it is **DECEF4**.

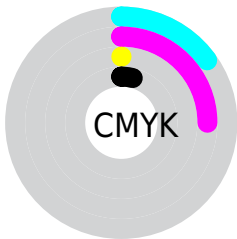
# Distribution



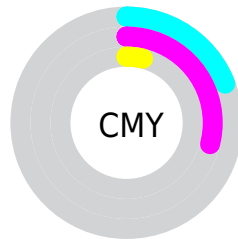
- Red (81%)
- Green (71%)
- Blue (96%)



- Red (81%)
- Yellow (71%)
- Blue (96%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (29%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFB6F4 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 CFB6F4 by changing the saturation by 10% instead.



 CFB6F4

 CFB6F4

FFFFFF

 B39BD7

 FFEEFF

 9881BC

 7E68A0

 645086

 4B386D

 332254

 1C0E3D

 010027

 000110

 CFB6F4

 CFB6F4

 C09EF4

 DECEF4

 B285F4

 ECE7F4

 A36DF4

 FBFFF4

 9554F4

 FFFFF4

 863CF4

 7824F4

 690BF4

 6200F4

# Harmonies

## Analogous

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



A2C1FF



CFB6F4



F0ACDB

# Triad

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



CFB6F4



ECB687



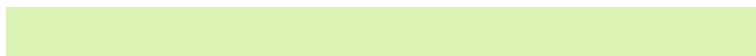
64D3C8

# Complementary

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



CFB6F4



DBF4B6

# 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.



87D0A7



CFB6F4



D0C181

# Square

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



CFB6F4



FEAD9C



ADCA8D



57D1E6

# Rectangle

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



CFB6F4



FCA9C5



ADCA8D



6FD2BC



# Sweetspot

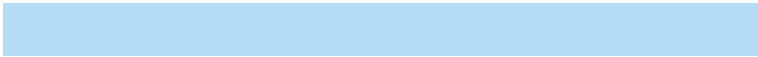
The Sweet Spot groups the original color and five complimentary colors.



CFB6F4



F3EBFF



B6DBF4



787380



000000



808080



# Same Dimension

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



CFB6F4



D1B3FF



EEB6F4



736E7A



4B00BA



18003B



# Inverse Universe

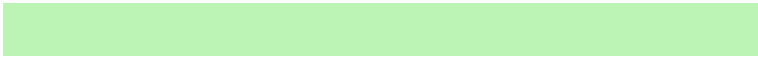
The Inverse Universe completely reimagines the original color for something new.



F4B6DB



FFB3E0



BCF4B6



7A6E75



BA006F

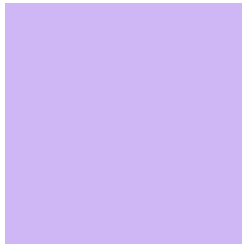


3B0023



# Previews

## White Background



This preview shows how the Hex color CFB6F4 looks on a white background.

## Color Contrast Check

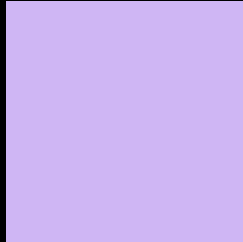
Large Text (above 18pt) WCAG AA × Fail

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 CFB6F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

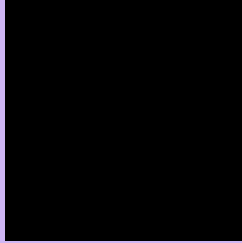
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFB6F4 Background



This preview shows how black text looks on a background with the Hex color CFB6F4.

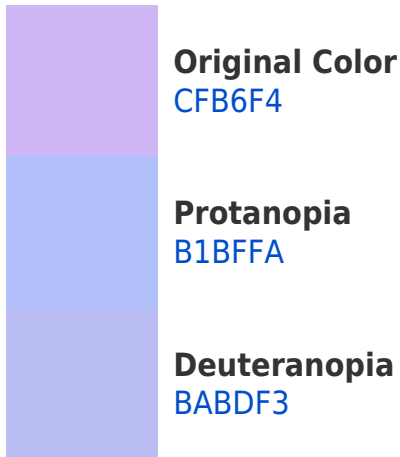


This preview shows how white text looks on a background with the Hex color CFB6F4.

# 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

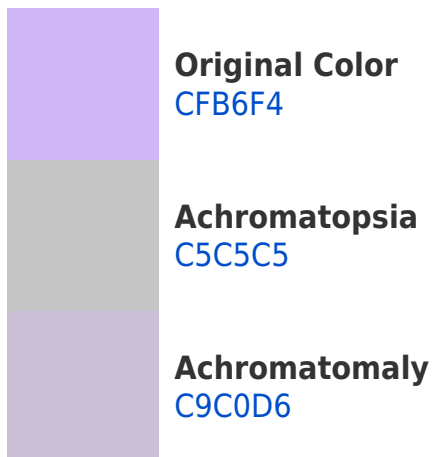




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFB6F4 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 #CFB6F4 looks like.

```
.text, #text, p{  
    color:#CFB6F4  
}
```

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 #CFB6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFB6F4  
}
```

## Border

The CSS property to change the border of an element to Hex CFB6F4 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  
#CFB6F4 }
```

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

```
.border{ border-color:#CFB6F4 }
```

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

Here you see how a box with a 4 pixel #CFB6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFB6F4; -webkit-box-shadow:4px 4px  
4px 4px #CFB6F4; box-shadow:4px 4px 4px  
4px #CFB6F4 }
```

# Background

The CSS property to change the background color of an element to Hex CFB6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFB6F4 }
```

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

```
.background{ background-color:#CFB6F4 }
```

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