

Converting Colors

Hex(C64DFB)

Have a look what the booklet for
Hex(C64DFB) contains.

| | |
|--|----|
| Hex(C64DFB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(C64DFB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C64DFB |
| RGB | 198, 77, 251 |
| RGB Percent | 78%, 30%, 98% |
| CMY | 0.2235, 0.6980, 0.0157 |
| CMYK | 0.21, 0.69, 0.00, 0.02 |
| HSL | 282°, 96%, 64% |
| HSV | 282°, 69%, 98% |
| XYZ | 43.3552, 24.2786, 93.6679 |
| YIQ | 133.0150, 16.2620, 79.7660 |

Conversions

Conversions Part 2

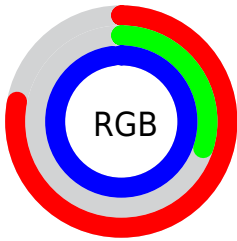
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 198, 77, 251 |
| Decimal | 12996091 |
| CIELab | 56.37, 72.97, -65.44 |
| CIELCh | 56, 98.019, 318.112 |
| Yxy | 24.2786, 0.2688, 0.1505 |
| Android (android.graphics.Color) | 4291186171 (0xFFC64DFB) |
| YUV | 133.0150, 58.1666, 56.9918 |
| Hunter-Lab | 49.2733, 70.8325, -78.2183 |

Details

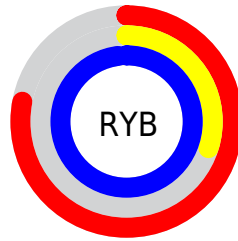
The Hex color **C64DFB** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed magenta. A complement of this color would be **82FB4D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF87FF**, and **8B00C1** is the 20% darker color. If you saturate the color by 10%, you get **BE34FB**, and if you desaturate by 10%, it is **CE66FB**.

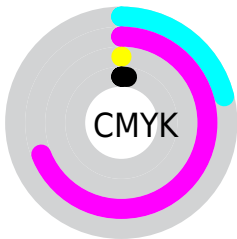
Distribution



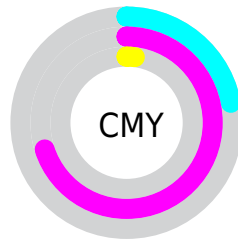
- Red (78%)
- Green (30%)
- Blue (98%)



- Red (78%)
- Yellow (30%)
- Blue (98%)



- Cyan (21%)
- Magenta (69%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (70%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color C64DFB 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 C64DFB by changing the saturation by 10% instead.

 C64DFB

FFFFFF

 FF87FF

 FFA3FF

 FFC0FF

 FFDDFF

 FFFBFF

 C64DFB

 A82DDE

 8B00C1

 6E00A6

 51008A

 330070

 100057

 00003E

 000327

 000111

 C64DFB

 C64DFB

 BE34FB

 CE66FB

 B71BFB

 D57FFB

 AF02FB

 DD98FB

 AF00FB

 E5B1FB

 ECCBFB

 F4E4FB

 FCFDFB

 FFFFFB

Harmonies

Analogous

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



0081FF



C64DFB



FF00AD

Triad

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



C64DFB



C07700



00AABA

Complementary

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



C64DFB



82FB4D

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.



00A761



C64DFB



749300

Square

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



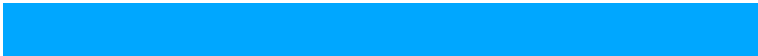
C64DFB



F84500



00A100



00A7FF

Rectangle

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



C64DFB



FF0074



00A100



00A99D

Sweetspot

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



C64DFB



EFC9FF



4D84FB



766080



000000



808080

Same Dimension

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



C64DFB



BF2BFF



FB4DDB



79707D



8300BD



2B003D

Inverse Universe

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



FB4D82



FF2B6C



4DFB6D



7D7074



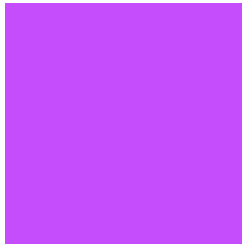
BD0039



3D0013

Previews

White Background



This preview shows how the Hex color C64DFB looks on a white background.

Color Contrast Check

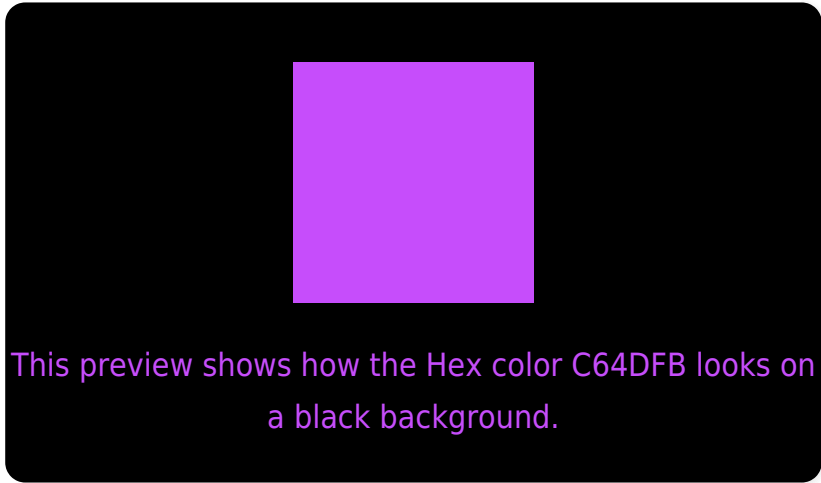
Large Text (above 18pt) WCAG AA ✓ Pass

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

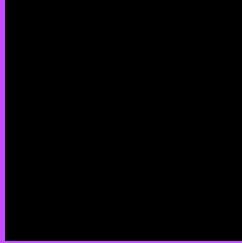
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C64DFB Background



This preview shows how black text looks on a background with the Hex color C64DFB.

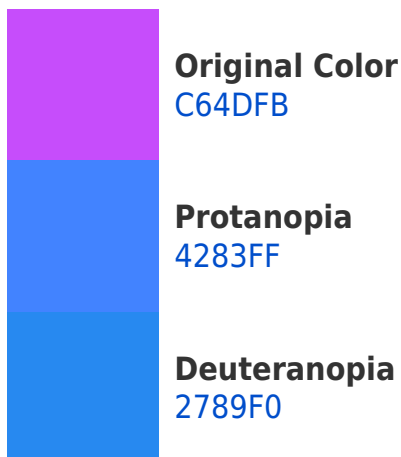



This preview shows how white text looks on a background with the Hex color C64DFB.

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
B3767F

Trichromacy



Original Color
C64DFB



Protanomaly
726FFE



Deuteranomaly
6173F4



Tritanomaly
BA67AC

Monochromacy



Original Color
C64DFB



Achromatopsia
858585



Achromatomaly
9D71B0

CSS Examples

Text

The CSS property to change the color of the text to Hex C64DFB 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 #C64DFB looks like.

```
.text, #text, p{  
    color:#C64DFB  
}
```

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 #C64DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64DFB
}
```

Border

The CSS property to change the border of an element to Hex C64DFB 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
#C64DFB }
```

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

```
.border{ border-color:#C64DFB }
```

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

Here you see how a box with a 4 pixel #C64DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64DFB; -webkit-box-shadow:4px 4px  
4px 4px #C64DFB; box-shadow:4px 4px 4px  
4px #C64DFB }
```

Background

The CSS property to change the background color of an element to Hex C64DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64DFB }
```

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

```
.background{ background-color:#C64DFB }
```

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