

Converting Colors

Hex(CD6FE4)

Have a look what the booklet for
Hex(CD6FE4) contains.

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Color

Hex(CD6FE4)

Conversions

Conversions Part 1

Format	Color
Hex	CD6FE4
RGB	205, 111, 228
RGB Percent	80%, 44%, 89%
CMY	0.1961, 0.5647, 0.1059
CMYK	0.10, 0.51, 0.00, 0.11
HSL	288°, 68%, 66%
HSV	288°, 51%, 89%
XYZ	44.8649, 29.9495, 76.8150
YIQ	152.4440, 18.4670, 56.3150

Conversions

Conversions Part 2

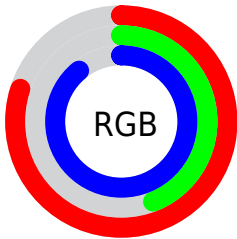
Format	Color
R_{YB}	205, 111, 228
Decimal	13463524
CIE _{Lab}	61.61, 54.78, -44.23
CIE _{LCh}	62, 70.407, 321.081
Yxy	29.9495, 0.2959, 0.1975
Android (android.graphics.Color)	4291653604 (0xFFCD6FE4)
YUV	152.4440, 37.2491, 46.0916
Hunter-Lab	54.7261, 50.5650, -44.9127

Details

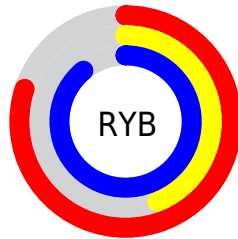
The Hex color **CD6FE4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86E46F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA6FF**, and **9439AC** is the 20% darker color. If you saturate the color by 10%, you get **C958E4**, and if you desaturate by 10%, it is **D186E4**.

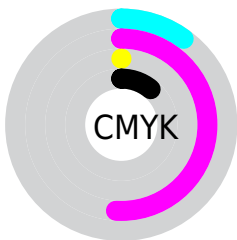
Distribution



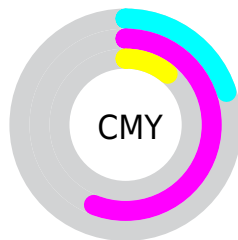
- Red (80%)
- Green (44%)
- Blue (89%)



- Red (80%)
- Yellow (44%)
- Blue (89%)



- Cyan (10%)
- Magenta (51%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (56%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD6FE4 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 CD6FE4 by changing the saturation by 10% instead.

 CD6FE4

 CD6FE4

FFFFFF

 B054C8

 FFA6FF

 9439AC

 FFC2FF

 791C91

 FFDFFF

 5E0077

 FFFCFF

 43005E

 2B0045

 06002E

 000118

 000000

 CD6FE4

 CD6FE4

 C958E4

 D186E4

 C441E4

 D69DE4

 C02BE4

 DAB3E4

 BB14E4

 DFCAE4

 B700E4

 E3E1E4

 E8F8E4

 ECFFE4

 F1FFE4

 F5FFE4

Harmonies

Analogous

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



6C8CFF



CD6FE4



FA56AA

Triad

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



CD6FE4



C28B00



00B1C0

Complementary

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



CD6FE4



86E46F

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.



00B07F



CD6FE4



889F00

Square

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



CD6FE4



ED7133



31AA40



00ADF5

Rectangle

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



CD6FE4



FF5380



31AA40



00B1AB

Sweetspot

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



CD6FE4



F7D9FF



6F86E4



7B6980



000000



808080

Same Dimension

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



CD6FE4



E061FF



E46FC1



706773



8F00B3



290033

Inverse Universe

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



E46F86



FF6180



6FE492



73676A



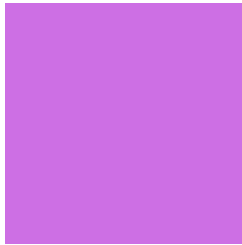
B30023



33000A

Previews

White Background



This preview shows how the Hex color CD6FE4 looks on a white background.

Color Contrast Check

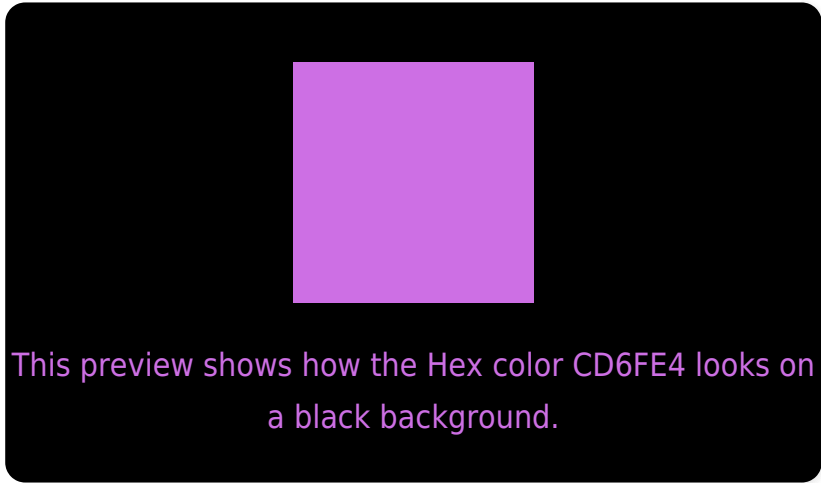
Large Text (above 18pt) WCAG AA ✓ Pass

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

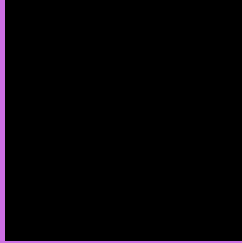
Any Text WCAG AA ✓ Pass

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 CD6FE4 Background



This preview shows how black text looks on a background with the Hex color CD6FE4.

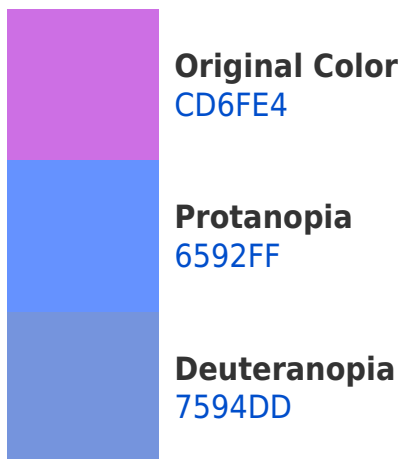


This preview shows how white text looks on a background with the Hex color CD6FE4.

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
C1848E

Trichromacy



Original Color
CD6FE4



Protanomaly
8B85F5



Deuteranomaly
9587E0



Tritanomaly
C57CAD

Monochromacy



Original Color
CD6FE4



Achromatopsia
989898



Achromatomaly
AB89B4

CSS Examples

Text

The CSS property to change the color of the text to Hex CD6FE4 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 #CD6FE4 looks like.

```
.text, #text, p{  
    color:#CD6FE4  
}
```

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 #CD6FE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6FE4
}
```

Border

The CSS property to change the border of an element to Hex CD6FE4 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
#CD6FE4 }
```

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

```
.border{ border-color:#CD6FE4 }
```

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

Here you see how a box with a 4 pixel #CD6FE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6FE4; -webkit-box-shadow:4px 4px  
4px 4px #CD6FE4; box-shadow:4px 4px 4px  
4px #CD6FE4 }
```

Background

The CSS property to change the background color of an element to Hex CD6FE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6FE4 }
```

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

```
.background{ background-color:#CD6FE4 }
```

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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