

Converting Colors

Hex(D500CF)

Have a look what the booklet for
Hex(D500CF) contains.

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Color

Hex(D500CF)

Conversions

Conversions Part 1

Format	Color
Hex	D500CF
RGB	213, 0, 207
RGB Percent	84%, 0%, 81%
CMY	0.1647, 1.0000, 0.1882
CMYK	0.00, 1.00, 0.03, 0.16
HSL	302°, 100%, 42%
HSV	302°, 100%, 84%
XYZ	38.7031, 18.6511, 60.5916
YIQ	87.2850, 60.5010, 109.5330

Conversions

Conversions Part 2

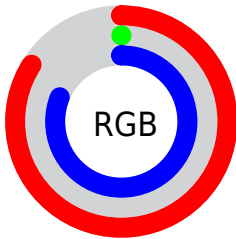
Format	Color
R_{YB}	213, 0, 207
Decimal	13959375
CIE _{Lab}	50.28, 84.93, -50.24
CIE _{LCh}	50, 98.671, 329.395
Yxy	18.6511, 0.3281, 0.1581
Android (android.graphics.Color)	4292149455 (0xFFD500CF)
YUV	87.2850, 59.0195, 110.2521
Hunter-Lab	43.1870, 84.3900, -52.9535

Details

The Hex color **D500CF** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00D506**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FFF**, and **990098** is the 20% darker color. If you saturate the color by 10%, you get **D500CF**, and if you desaturate by 10%, it is **D515D0**.

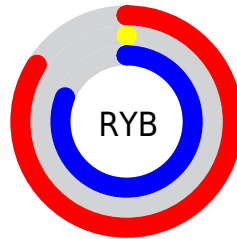
Distribution



Red (84%)

Green (0%)

Blue (81%)



Red (84%)

Yellow (0%)

Blue (81%)

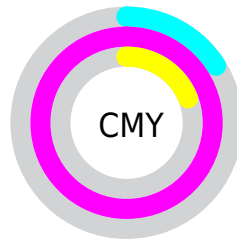


Cyan (0%)

Magenta (100%)

Yellow (3%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color D500CF 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 D500CF by changing the saturation by 10% instead.

 D500CF

 D500CF

FFFFFF

 B700B3

 FF5FFF

 990098

 FF7EFF

 7C007D

 FF9CFF

 5F0064

 FFBBFF

 45004B

 FFD9FF

 260033

 FFF7FF

 00021D

 000000

 D500CF

 D515D0

 D52BD0

 D540D1

 D555D1

 D56BD2

 D580D3

 D595D3

 D5AAD4

 D5C0D4

Harmonies

Analogous

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



5361FF



D500CF



FF007D

Triad

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



D500CF



947400



0098C9

Complementary

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



D500CF



00D506

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.



009774



D500CF



3A8900

Square

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



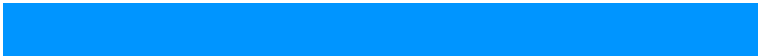
D500CF



D24B00



00930A



0095FF

Rectangle

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



D500CF



FF0047



00930A



0098AE

Sweetspot

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



D500CF



FFB3FD



0400D5



80527E



000000



808080

Same Dimension

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



D500CF



FF00F8



D50067



6B606B



AB00A6



2B002A

Inverse Universe

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



D500CF



FF00F8



00D56E



6B606B



AB00A6



2B002A

Previews

White Background



This preview shows how the Hex color D500CF looks on a white background.

Color Contrast Check

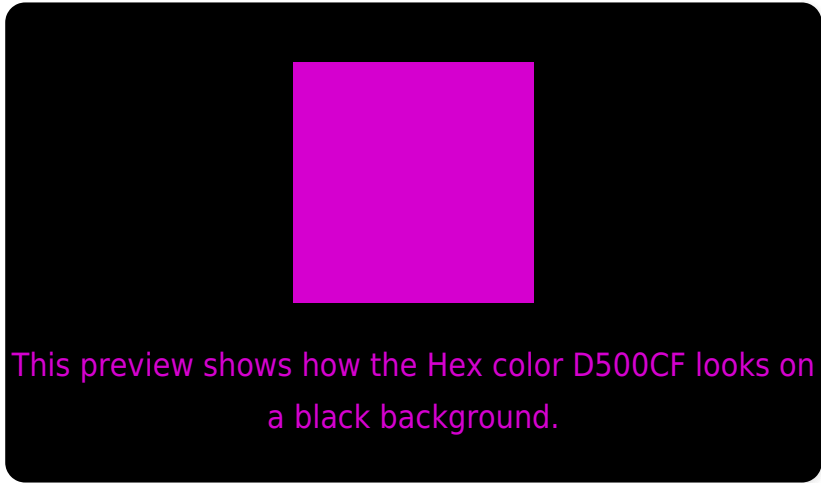
Large Text (above 18pt) WCAG AA ✓ Pass

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

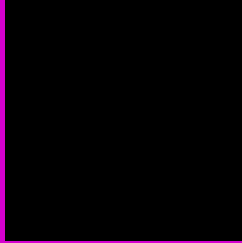
Any Text WCAG AA ✓ Pass

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 D500CF Background



This preview shows how black text looks on a background with the Hex color D500CF.

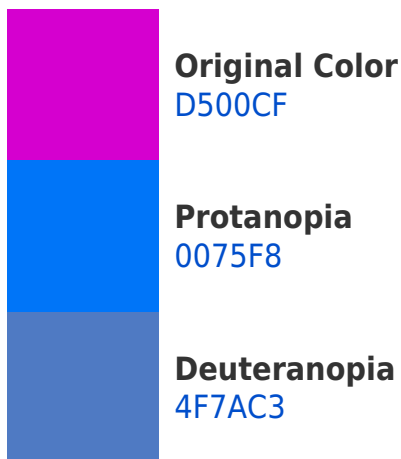


This preview shows how white text looks on a background with the Hex color D500CF.

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
C85157

Trichromacy



Original Color
D500CF



Protanomaly
4D4AE9



Deuteranomaly
804EC7



Tritanomaly
CD3483

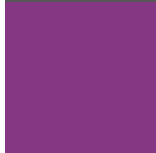
Monochromacy



Original Color
D500CF



Achromatopsia
575757



Achromatomaly
853783

CSS Examples

Text

The CSS property to change the color of the text to Hex D500CF 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 #D500CF looks like.

```
.text, #text, p{  
  color:#D500CF  
}
```

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 #D500CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D500CF
}
```

Border

The CSS property to change the border of an element to Hex D500CF 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
#D500CF }
```

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

```
.border{ border-color:#D500CF }
```

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

Here you see how a box with a 4 pixel #D500CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D500CF; -webkit-box-shadow:4px 4px  
4px 4px #D500CF; box-shadow:4px 4px 4px  
4px #D500CF }
```

Background

The CSS property to change the background color of an element to Hex D500CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D500CF }
```

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

```
.background{ background-color:#D500CF }
```

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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