

Converting Colors

Hex(D500B7)

Have a look what the booklet for
Hex(D500B7) contains.

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Color

Hex(D500B7)

Conversions

Conversions Part 1

Format	Color
Hex	D500B7
RGB	213, 0, 183
RGB Percent	84%, 0%, 72%
CMY	0.1647, 1.0000, 0.2824
CMYK	0.00, 1.00, 0.14, 0.16
HSL	308°, 100%, 42%
HSV	308°, 100%, 84%
XYZ	35.9878, 17.5650, 46.2934
YIQ	84.5490, 68.2050, 102.0690

Conversions

Conversions Part 2

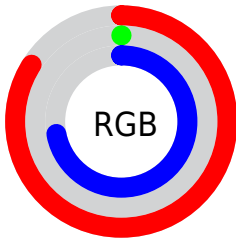
Format	Color
R_{YB}	213, 0, 183
Decimal	13959351
CIE _{Lab}	48.96, 81.70, -38.38
CIE _{LCh}	49, 90.271, 334.838
Yxy	17.5650, 0.3604, 0.1759
Android (android.graphics.Color)	4292149431 (0xFFD500B7)
YUV	84.5490, 48.5363, 112.6515
Hunter-Lab	41.9107, 79.9306, -36.1527

Details

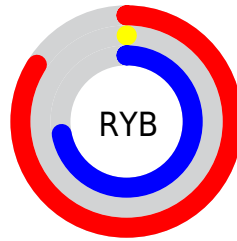
The Hex color **D500B7** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **00D51E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5DEF**, and **990081** is the 20% darker color. If you saturate the color by 10%, you get **D500B7**, and if you desaturate by 10%, it is **D515BA**.

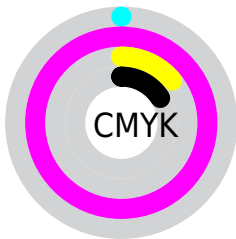
Distribution



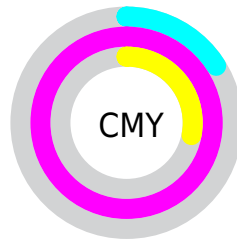
- Red (84%)
- Green (0%)
- Blue (72%)



- Red (84%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color D500B7 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 D500B7 by changing the saturation by 10% instead.

 D500B7

 D500B7

FFFFFF

 B7009C

 FF5DEF

 990081

 FF7DFF

 7C0068

 FF9BFF

 5F004F

 FFB9FF

 450038

 FFD7FF

 270021

 FFF5FF

 000005

 000000

 D500B7

 D515BA

 D52BBD

 D540C0

 D555C3

 D56BC6

 D580C9

 D595CC

 D5AACF

 D5C0D2

Harmonies

Analogous

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



7958F4



D500B7



F4006C

Triad

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



D500B7



837600



0093CB

Complementary

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



D500B7



00D51E

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.



00927F



D500B7



278700

Square

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



D500B7



C05500



008F2C



008DFF

Rectangle

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



D500B7



F0003A



008F2C



0093B3

Sweetspot

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



D500B7



FFB3F4



1C00D5



805279



000000



808080

Same Dimension

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



D500B7



FF00DB



D5004E



6B606A



AB0093



2B0025

Inverse Universe

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



D500B7



FF00DB



00D587



6B606A



AB0093



2B0025

Previews

White Background



This preview shows how the Hex color D500B7 looks on a white background.

Color Contrast Check

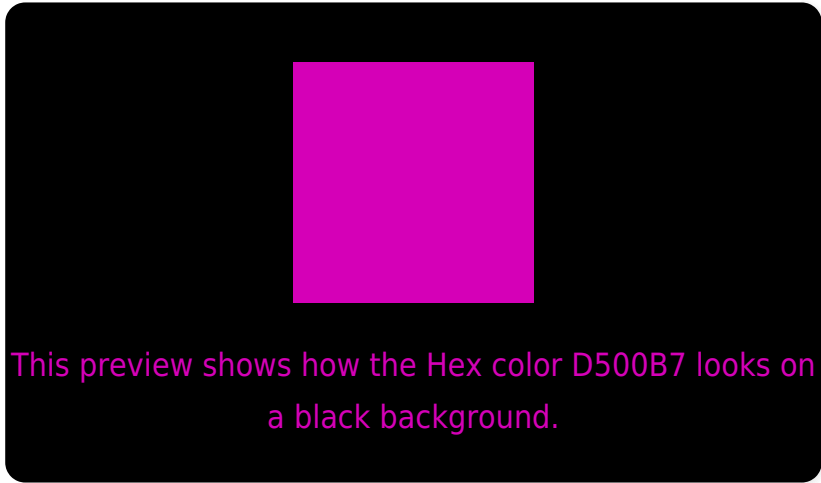
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 D500B7 Background



This preview shows how black text looks on a background with the Hex color D500B7.



This preview shows how white text looks on a background with the Hex color D500B7.

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



Original Color
D500B7



Protanomaly
4D49DD



Deuteranomaly
8B4AB0



Tritanomaly
CF2E73

Monochromacy



Original Color
D500B7



Achromatopsia
555555



Achromatomaly
843679

CSS Examples

Text

The CSS property to change the color of the text to Hex D500B7 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 #D500B7 looks like.

```
.text, #text, p{  
    color:#D500B7  
}
```

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 #D500B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D500B7
}
```

Border

The CSS property to change the border of an element to Hex D500B7 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
#D500B7 }
```

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

```
.border{ border-color:#D500B7 }
```

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

Here you see how a box with a 4 pixel #D500B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D500B7; -webkit-box-shadow:4px 4px  
4px 4px #D500B7; box-shadow:4px 4px 4px  
4px #D500B7 }
```

Background

The CSS property to change the background color of an element to Hex D500B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D500B7 }
```

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

```
.background{ background-color:#D500B7 }
```

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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