

Converting Colors

Hex(A503DF)

Have a look what the booklet for
Hex(A503DF) contains.

| | |
|--|----|
| Hex(A503DF) | 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(A503DF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A503DF |
| RGB | 165, 3, 223 |
| RGB Percent | 65%, 1%, 87% |
| CMY | 0.3529, 0.9882, 0.1255 |
| CMYK | 0.26, 0.99, 0.00, 0.13 |
| HSL | 284°, 97%, 44% |
| HSV | 284°, 99%, 87% |
| XYZ | 28.8689, 13.3922, 70.8754 |
| YIQ | 76.5180, 25.9320, 102.7640 |

Conversions

Conversions Part 2

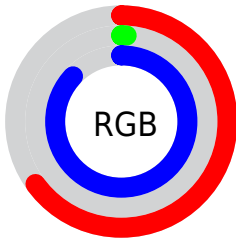
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 165, 3, 223 |
| Decimal | 10814431 |
| CIELab | 43.35, 80.29, -71.01 |
| CIELCh | 43, 107.182, 318.511 |
| Yxy | 13.3922, 0.2552, 0.1184 |
| Android (android.graphics.Color) | 4289004511 (0xFFA503DF) |
| YUV | 76.5180, 72.2156, 77.5987 |
| Hunter-Lab | 36.5953, 76.7712, -89.2123 |

Details

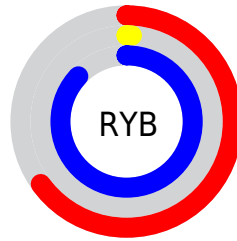
The Hex color **A503DF** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **3DDF03**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E157FF**, and **6A00A6** is the 20% darker color. If you saturate the color by 10%, you get **A400DF**, and if you desaturate by 10%, it is **AB19DF**.

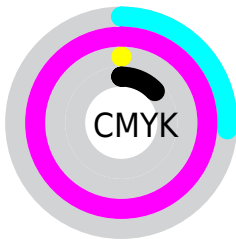
Distribution



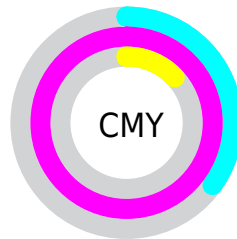
- Red (65%)
- Green (1%)
- Blue (87%)



- Red (65%)
- Yellow (1%)
- Blue (87%)



- Cyan (26%)
- Magenta (99%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (99%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A503DF 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 A503DF by changing the saturation by 10% instead.

 A503DF

 A503DF

FFFFFF

 8700C2

 E157FF

 6A00A6

 FF75FF

 4B008B

 FF93FF

 2C0071

 FFB0FF

 000057

 FFCDFD

 00003F

 FFE8FF

 000328

 000111

 000000

 A503DF

 A503DF

 A400DF

 AB19DF

 B130DF

 B746DF

 BD5CDF

 C272DF

 C889DF

 CE9FDF

 D4B5DF

 DACCDF

Harmonies

Analogous

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



0061FF



A503DF



EA008D

Triad

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



A503DF



995700



00869D

Complementary

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



A503DF



3DDF03

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.



008440



A503DF



477300

Square

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



A503DF



D30000



007F00



0086EE

Rectangle

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



A503DF



F60053



007F00



00857F

Sweetspot

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



A503DF



EBB3FF



033EDF



735280



000000



808080

Same Dimension

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



A503DF



BC00FF



DF03AC



6D6570



8200B0



240030

Inverse Universe

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



DF033D



FF0043



03DF36



706568



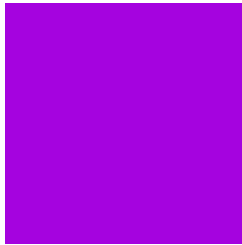
B0002E



30000D

Previews

White Background



This preview shows how the Hex color A503DF looks on a white background.

Color Contrast Check

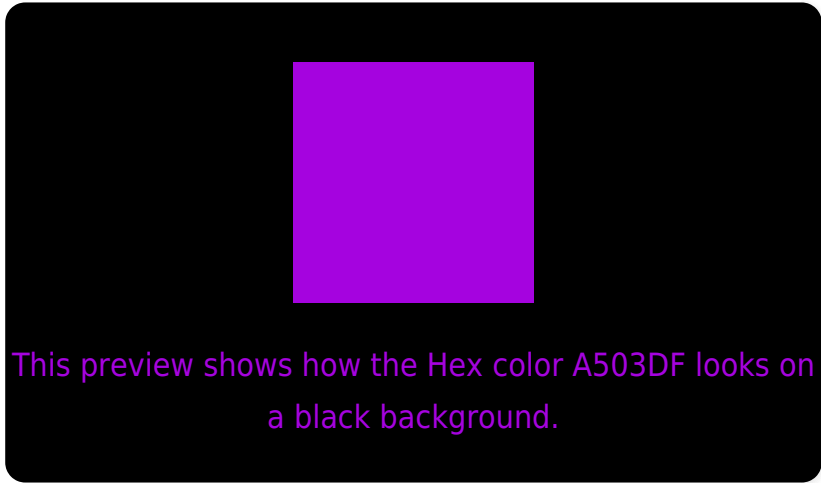
Large Text (above 18pt) WCAG AA ✓ Pass

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

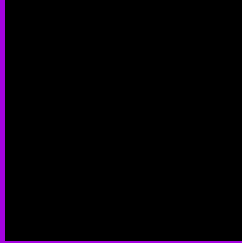
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A503DF Background



This preview shows how black text looks on a background with the Hex color A503DF.

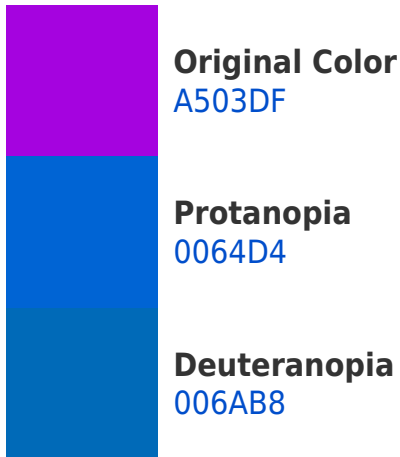


This preview shows how white text looks on a background with the Hex color A503DF.

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
91575E

Trichromacy



Original Color
A503DF



Protanomaly
3C41D8



Deuteranomaly
3C45C6



Tritanomaly
98388D

Monochromacy



Original Color
A503DF



Achromatopsia
4D4D4D



Achromatomaly
6D3282

CSS Examples

Text

The CSS property to change the color of the text to Hex A503DF 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 #A503DF looks like.

```
.text, #text, p{  
    color:#A503DF  
}
```

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 #A503DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A503DF
}
```

Border

The CSS property to change the border of an element to Hex A503DF 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".

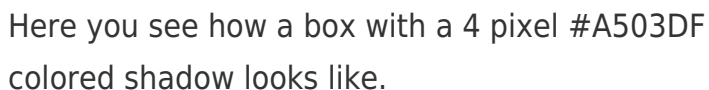
```
.border, #border, table{ border:4px solid
#A503DF }
```

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

```
.border{ border-color:#A503DF }
```

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

Here you see how a box with a 4 pixel #A503DF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #A503DF color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A503DF; -webkit-box-shadow:4px 4px  
4px 4px #A503DF; box-shadow:4px 4px 4px  
4px #A503DF }
```

Background

The CSS property to change the background color of an element to Hex A503DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A503DF }
```

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

```
.background{ background-color:#A503DF }
```

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