

Converting Colors

Hex(A023DE)

Have a look what the booklet for
Hex(A023DE) contains.

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Color

Hex(A023DE)

Conversions

Conversions Part 1

Format	Color
Hex	A023DE
RGB	160, 35, 222
RGB Percent	63%, 14%, 87%
CMY	0.3725, 0.8627, 0.1294
CMYK	0.28, 0.84, 0.00, 0.13
HSL	280°, 74%, 50%
HSV	280°, 84%, 87%
XYZ	28.2831, 13.9496, 70.3091
YIQ	93.6930, 14.4730, 84.6570

Conversions

Conversions Part 2

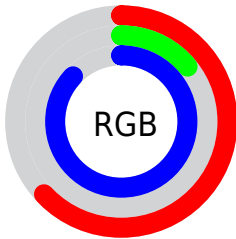
Format	Color
RYB	160, 35, 222
Decimal	10494942
CIELab	44.16, 74.50, -69.14
CIELCh	44, 101.639, 317.135
Yxy	13.9496, 0.2513, 0.1240
Android (android.graphics.Color)	4288685022 (0xFFA023DE)
YUV	93.6930, 63.2554, 58.1512
Hunter-Lab	37.3491, 69.8102, -85.4680

Details

The Hex color **A023DE** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **61DE23**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DC63FF**, and **6500A6** is the 20% darker color. If you saturate the color by 10%, you get **990DDE**, and if you desaturate by 10%, it is **A739DE**.

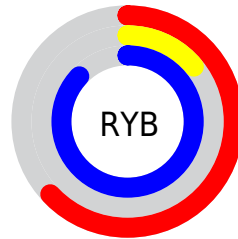
Distribution



Red (63%)

Green (14%)

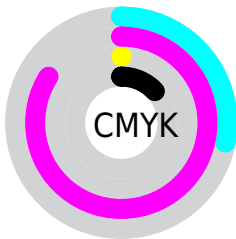
Blue (87%)



Red (63%)

Yellow (14%)

Blue (87%)

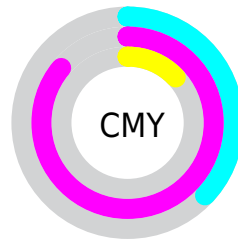


Cyan (28%)

Magenta (84%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (86%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A023DE 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 A023DE by changing the saturation by 10% instead.

 A023DE

 A023DE

FFFFFF

 8300C1

 DC63FF

 6500A6

 FA7FFF

 47008A

 FF9CFF

 270070


 FFB9FF


 000057

 FFD6FF

 00013E

 FFF4FF

 000327

 000111

 000000

 A023DE

 A023DE

 990DDE

 A739DE

 9400DE

 AF4FDE

 B666DE

 BD7CDE

 C592DE

 CCA8DE

 D4BEDE

 DBD5DE

 E2EBDE

Harmonies

Analogous

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



0065FF



A023DE



E50091

Triad

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



A023DE



9D5800



008799

Complementary

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



A023DE



61DE23

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.



00853F



A023DE



517300

Square

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



A023DE



D40200



008000



0087E6

Rectangle

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



A023DE



F20059



008000



00877C

Sweetspot

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



A023DE



EABFFF



2361DE



735980



000000



808080

Same Dimension

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



A023DE



AA00FF



DE23BF



6C6570



7600B0



200030

Inverse Universe

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



DE2361



FF0055



23DE42



706569



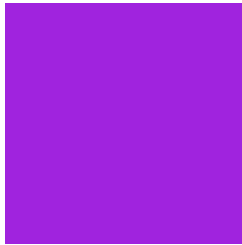
B0003A



300010

Previews

White Background



This preview shows how the Hex color A023DE 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

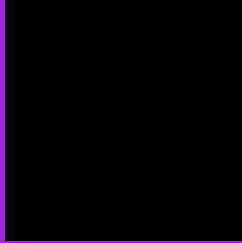
Any Text WCAG AA × Fail

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 A023DE Background



This preview shows how black text looks on a background with the Hex color A023DE.

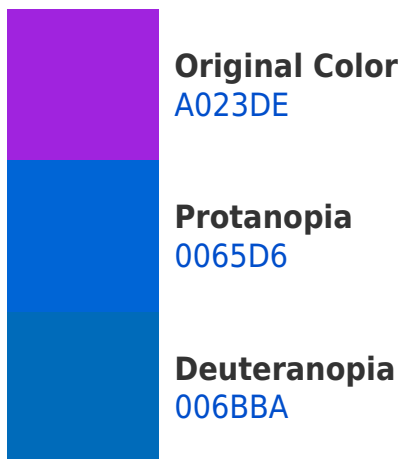



This preview shows how white text looks on a background with the Hex color A023DE.

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](#).

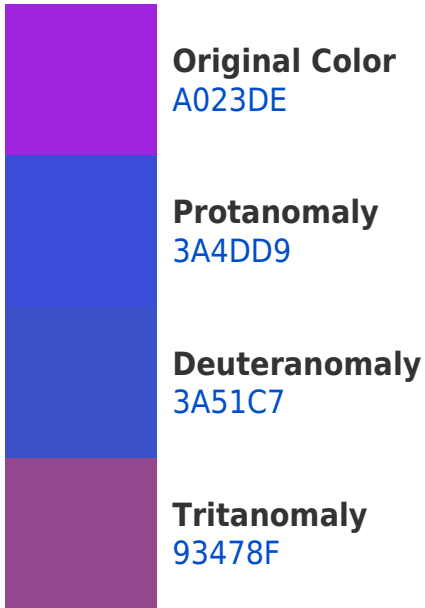
Dichromacy





Tritanopia
8B5B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A023DE 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 #A023DE looks like.

```
.text, #text, p{  
    color:#A023DE  
}
```

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 #A023DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A023DE
}
```

Border

The CSS property to change the border of an element to Hex A023DE 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".

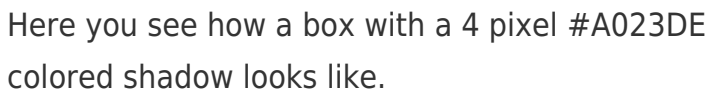
```
.border, #border, table{ border:4px solid
#A023DE }
```

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

```
.border{ border-color:#A023DE }
```

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

Here you see how a box with a 4 pixel #A023DE 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A023DE; -webkit-box-shadow:4px 4px  
4px 4px #A023DE; box-shadow:4px 4px 4px  
4px #A023DE }
```

Background

The CSS property to change the background color of an element to Hex A023DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A023DE }
```

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

```
.background{ background-color:#A023DE }
```

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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