

Converting Colors

Hex(A02DE3)

Have a look what the booklet for
Hex(A02DE3) contains.

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Color

Hex(A02DE3)

Conversions

Conversions Part 1

Format	Color
Hex	A02DE3
RGB	160, 45, 227
RGB Percent	63%, 18%, 89%
CMY	0.3725, 0.8235, 0.1098
CMYK	0.30, 0.80, 0.00, 0.11
HSL	278°, 76%, 53%
HSV	278°, 80%, 89%
XYZ	29.3007, 14.8964, 74.0040
YIQ	100.1330, 10.1180, 80.9820

Conversions

Conversions Part 2

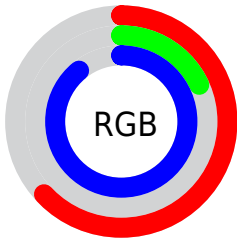
Format	Color
R _{YB}	160, 45, 227
Decimal	10497507
CIE _{Lab}	45.49, 72.71, -69.82
CIE _{LCh}	45, 100.811, 316.162
Yxy	14.8964, 0.2479, 0.1260
Android (android.graphics.Color)	4288687587 (0xFFA02DE3)
YUV	100.1330, 62.5454, 52.5034
Hunter-Lab	38.5959, 67.9686, -86.6660

Details

The Hex color **A02DE3** 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 **70E32D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **DC69FF**, and **6500AA** is the 20% darker color. If you saturate the color by 10%, you get **9816E3**, and if you desaturate by 10%, it is **A844E3**.

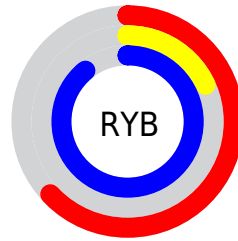
Distribution



Red (63%)

Green (18%)

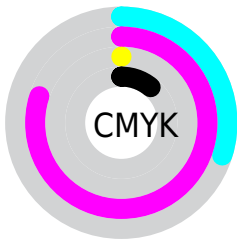
Blue (89%)



Red (63%)

Yellow (18%)

Blue (89%)

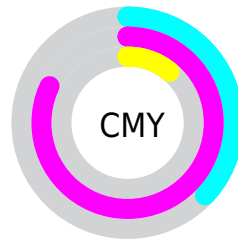


Cyan (30%)

Magenta (80%)

Yellow (0%)

Black (11%)



Cyan (37%)

Magenta (82%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A02DE3 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 A02DE3 by changing the saturation by 10% instead.

 A02DE3

 A02DE3

FFFFFF

 8300C6

 DC69FF

 6500AA

 FA85FF

 47008F

 FFA2FF

 260075

 FFBFFF

 00005B

 FFDCFF

 000042

 FFFAFF

 00032B

 000115

 000000

 A02DE3

 A02DE3

 9816E3

 A844E3

 8F00E3

 B15AE3

 B971E3

 C188E3

 CA9FE3

 D2B5E3

 DACCE3

 E3E3E3

 EBF9E3

Harmonies

Analogous

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



0069FF



A02DE3



E70096

Triad

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



A02DE3



A35A00



008B99

Complementary

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



A02DE3



70E32D

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.



008840



A02DE3



597600

Square

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



A02DE3



D90A00



008300



008BE6

Rectangle

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



A02DE3



F5005F



008300



008A7C

Sweetspot

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



A02DE3



E8C2FF



2D73E3



725B80



000000



808080

Same Dimension

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



A02DE3



A50AFF



E32DCE



6F6773



7100B3



200033

Inverse Universe

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



E32D70



FF0A64



2DE342



73676B



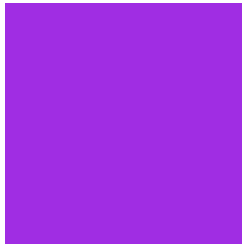
B30042



330013

Previews

White Background



This preview shows how the Hex color A02DE3 looks on a white background.

Color Contrast Check

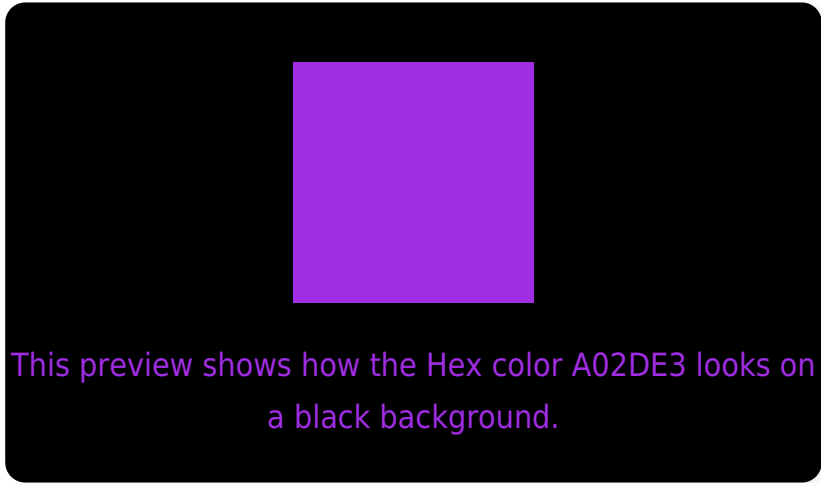
Large Text (above 18pt) WCAG AA ✓ Pass

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

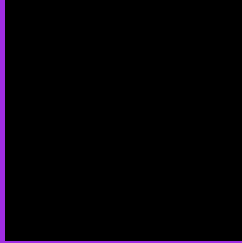
Any Text WCAG AA × Fail

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 A02DE3 Background



This preview shows how black text looks on a background with the Hex color A02DE3.

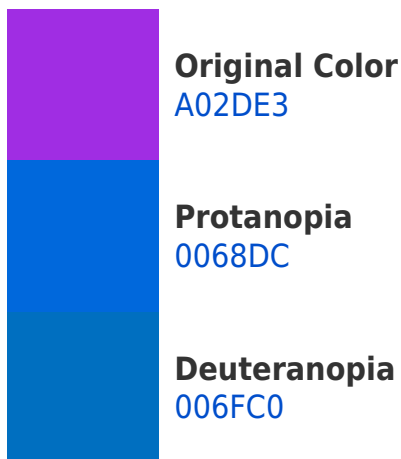


This preview shows how white text looks on a background with the Hex color A02DE3.

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
8B6067

Trichromacy



Original Color
A02DE3



Protanomaly
3A53DF



Deuteranomaly
3A57CD



Tritanomaly
934D94

Monochromacy



Original Color
A02DE3



Achromatopsia
646464



Achromatomaly
7A5092

CSS Examples

Text

The CSS property to change the color of the text to Hex A02DE3 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 #A02DE3 looks like.

```
.text, #text, p{  
    color:#A02DE3  
}
```

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 #A02DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02DE3
}
```

Border

The CSS property to change the border of an element to Hex A02DE3 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".

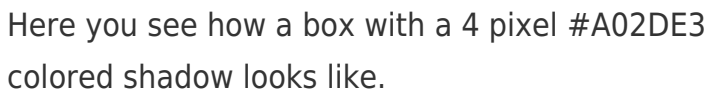
```
.border, #border, table{ border:4px solid
#A02DE3 }
```

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

```
.border{ border-color:#A02DE3 }
```

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

Here you see how a box with a 4 pixel #A02DE3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02DE3; -webkit-box-shadow:4px 4px  
4px 4px #A02DE3; box-shadow:4px 4px 4px  
4px #A02DE3 }
```

Background

The CSS property to change the background color of an element to Hex A02DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02DE3 }
```

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

```
.background{ background-color:#A02DE3 }
```

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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