

Converting Colors

Hex(A02AF2)

Have a look what the booklet for
Hex(A02AF2) contains.

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Color

Hex(A02AF2)

Conversions

Conversions Part 1

Format	Color
Hex	A02AF2
RGB	160, 42, 242
RGB Percent	63%, 16%, 95%
CMY	0.3725, 0.8353, 0.0510
CMYK	0.34, 0.83, 0.00, 0.05
HSL	275°, 88%, 56%
HSV	275°, 83%, 95%
XYZ	31.3522, 15.5403, 85.3515
YIQ	100.0820, 6.1280, 87.2160

Conversions

Conversions Part 2

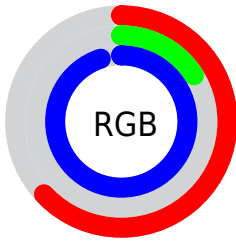
Format	Color
R _Y B	160, 42, 242
Decimal	10496754
CIE Lab	46.37, 76.66, -76.88
CIE LCh	46, 108.567, 314.916
Yxy	15.5403, 0.2371, 0.1175
Android (android.graphics.Color)	4288686834 (0xFFA02AF2)
YUV	100.0820, 69.9656, 52.5481
Hunter-Lab	39.4212, 72.9762, -100.7750

Details

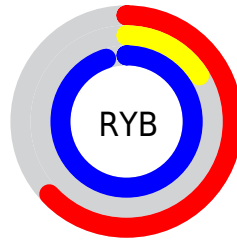
The Hex color **A02AF2** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **7CF22A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DD68FF**, and **6300B9** is the 20% darker color. If you saturate the color by 10%, you get **9612F2**, and if you desaturate by 10%, it is **AA42F2**.

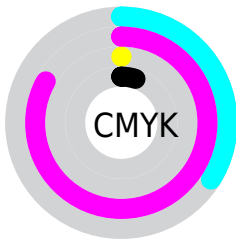
Distribution



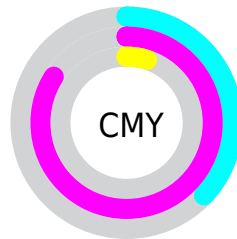
- Red (63%)
- Green (16%)
- Blue (95%)



- Red (63%)
- Yellow (16%)
- Blue (95%)



- Cyan (34%)
- Magenta (83%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (84%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color A02AF2 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 A02AF2 by changing the saturation by 10% instead.

 A02AF2

 A02AF2

FFFFFF

 8200D5

 DD68FF

 6300B9

 FB85FF

 44009D

 FFA1FF

 1D0082

 FFBEFF

 000068

 FFDCFF

 00004E

 FFF9FF

 000536

 000220

 000004

 A02AF2

 A02AF2

 9612F2

 AA42F2

 8F00F2

 B45AF2

 BE73F2

 C88BF2

 D2A3F2

 DCBBF2

 E5D3F2

 EFECF2

 F9FFF2

Harmonies

Analogous

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



006DFF



A02AF2



F100A0

Triad

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



A02AF2



AB5800



008F9B

Complementary

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



A02AF2



7CF22A

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.



008C3A



A02AF2



5B7800

Square

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



A02AF2



E40000



008600



008FF0

Rectangle

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



A02AF2



FF0064



008600



008E7B

Sweetspot

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



A02AF2



E5BFFF



2A7DF2



705980



000000



808080

Same Dimension

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



A02AF2



9703FF



F22AE1



736C78



6C00B8



210038

Inverse Universe

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



F22A7C



FF036A



2AF23B



786C71



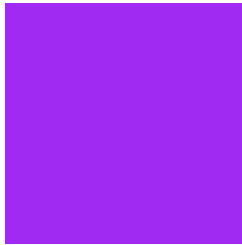
B8004B



380017

Previews

White Background



This preview shows how the Hex color A02AF2 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

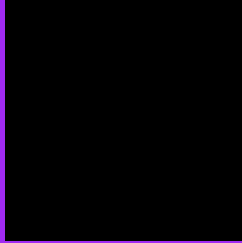
Any Text WCAG AA × Fail

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 A02AF2 Background



This preview shows how black text looks on a background with the Hex color A02AF2.

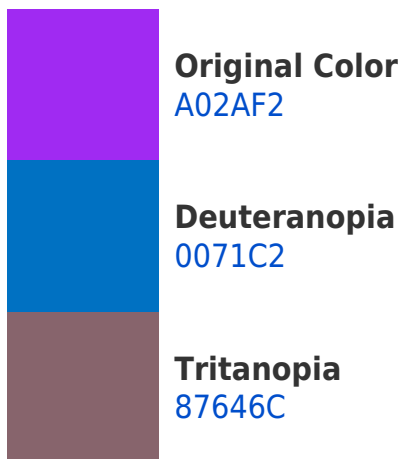


This preview shows how white text looks on a background with the Hex color A02AF2.

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
A02AF2



Deuteranomaly
3A57D3

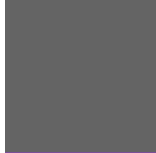


Tritanomaly
904F9D

Monochromacy



Original Color
A02AF2



Achromatopsia
646464



Achromatomaly
7A4F98

CSS Examples

Text

The CSS property to change the color of the text to Hex A02AF2 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 #A02AF2 looks like.

```
.text, #text, p{  
    color:#A02AF2  
}
```

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 #A02AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02AF2
}
```

Border

The CSS property to change the border of an element to Hex A02AF2 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
#A02AF2 }
```

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

```
.border{ border-color:#A02AF2 }
```

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

Here you see how a box with a 4 pixel #A02AF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02AF2; -webkit-box-shadow:4px 4px  
4px 4px #A02AF2; box-shadow:4px 4px 4px  
4px #A02AF2 }
```

Background

The CSS property to change the background color of an element to Hex A02AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02AF2 }
```

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

```
.background{ background-color:#A02AF2 }
```

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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