

# Converting Colors

Hex(A22FA2)

Have a look what the booklet for  
Hex(A22FA2) contains.

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# Color

**Hex(A22FA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A22FA2
RGB	162, 47, 162
RGB Percent	64%, 18%, 64%
CMY	0.3647, 0.8157, 0.3647
CMYK	0.00, 0.71, 0.00, 0.36
HSL	300°, 55%, 41%
HSV	300°, 71%, 64%
XYZ	22.4384, 12.3230, 35.3784
YIQ	94.4950, 31.6250, 60.1450

# Conversions

## Conversions Part 2

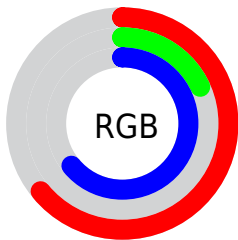
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 47, 162
Decimal	10629026
CIE <sub>Lab</sub>	41.73, 60.21, -37.97
CIE <sub>LCh</sub>	42, 71.179, 327.762
Yxy	12.3230, 0.3199, 0.1757
Android (android.graphics.Color)	4288819106 (0xFFA22FA2)
YUV	94.4950, 33.2800, 59.2019
Hunter-Lab	35.1042, 52.6638, -35.1801

# Details

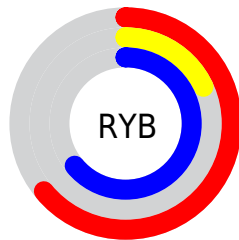
The Hex color **A22FA2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2FA22F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **DC68D9**, and **6A006E** is the 20% darker color. If you saturate the color by 10%, you get **A21FA2**, and if you desaturate by 10%, it is **A23FA2**.

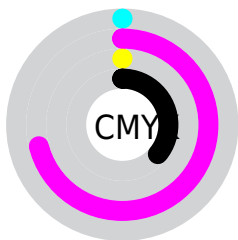
# Distribution



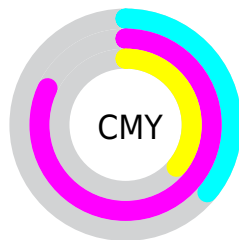
- Red (64%)
- Green (18%)
- Blue (64%)



- Red (64%)
- Yellow (18%)
- Blue (64%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A22FA2 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 A22FA2 by changing the saturation by 10% instead.



 A22FA2

 A22FA2

FFFFFF

 860687

 DC68D9

 6A006E

 F984F6

 500055

 FFA0FF

 37003D

 FFBCFF

 1A0026

 FFD9FF

 00010F

 FFF6FF

 000000

 A22FA2

 A22FA2

 A21FA2

 A23FA2

 A20FA2

 A24FA2

 A200A2

 A260A2

 A270A2

 A280A2

 A290A2

 A2A0A2

 A2B1A2

 A2C1A2

# Harmonies

## Analogous

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



4C55CC



A22FA2



C3006A

# Triad

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



A22FA2



7C5F00



007B98

# Complementary

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



A22FA2



2FA22F

# 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.



007A5C



A22FA2



426F00

# Square

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



A22FA2



A74400



00771B



0077C6

# Rectangle

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



A22FA2



C50043



00771B



007B85



# Sweetspot

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



A22FA2



D4A7D4



2F2FA2



6B506B



EBEBEB



6B6B6B



# Same Dimension

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



A22FA2



D420D4



A22F69



524952



910091



120012



# Inverse Universe

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



A22FA2



D420D4



2FA269



524952



910091



120012



# Previews

## White Background



This preview shows how the Hex color A22FA2 looks on a white background.

## Color Contrast Check

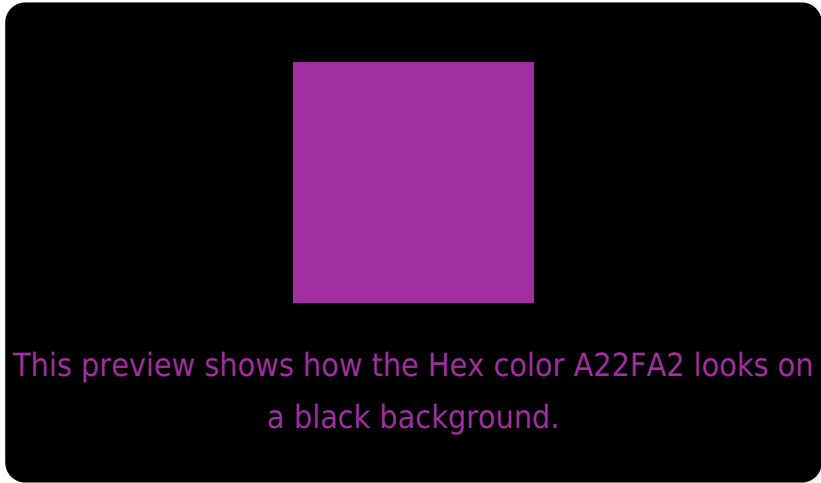
Large Text (above 18pt) WCAG AA ✓ Pass

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

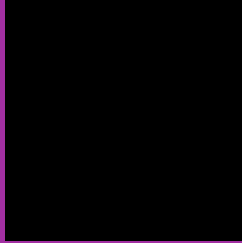
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A22FA2 Background



This preview shows how black text looks on a background with the Hex color A22FA2.

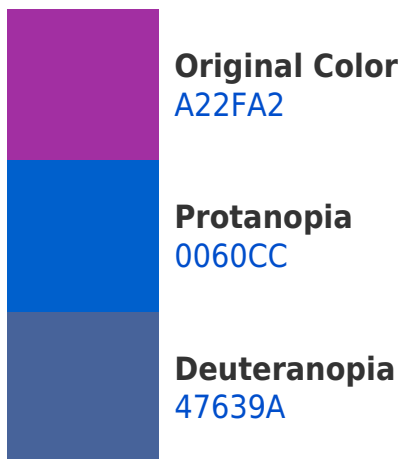


This preview shows how white text looks on a background with the Hex color A22FA2.

# 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](#).

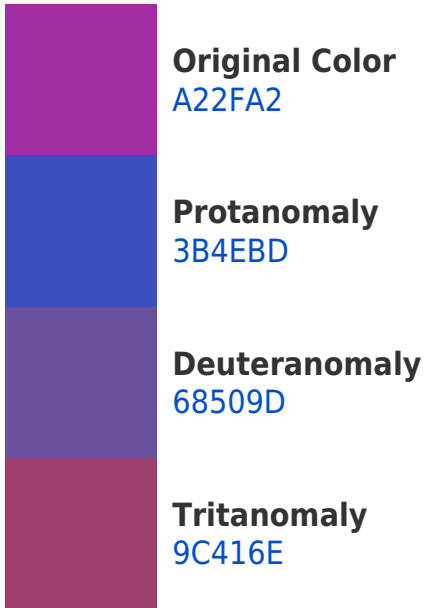
## Dichromacy



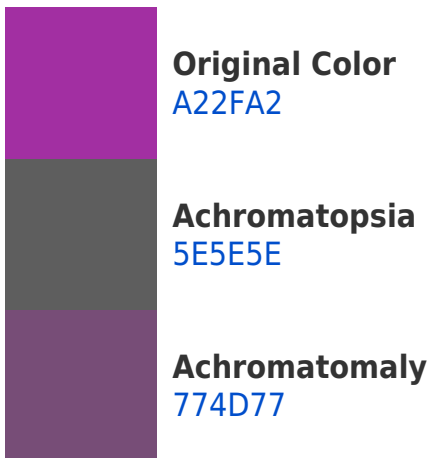


**Tritanopia**  
994B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A22FA2 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 #A22FA2 looks like.

```
.text, #text, p{  
    color:#A22FA2  
}
```

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 #A22FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22FA2
}
```

## Border

The CSS property to change the border of an element to Hex A22FA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

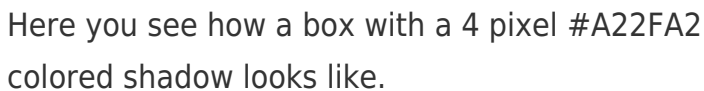
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A22FA2 }
```

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

```
.border{ border-color:#A22FA2 }
```

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



Here you see how a box with a 4 pixel `#A22FA2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22FA2; -webkit-box-shadow:4px 4px  
4px 4px #A22FA2; box-shadow:4px 4px 4px  
4px #A22FA2 }
```

# Background

The CSS property to change the background color of an element to Hex A22FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22FA2 }
```

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

```
.background{ background-color:#A22FA2 }
```

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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