

# Converting Colors

Hex(A22449)

Have a look what the booklet for  
Hex(A22449) contains.

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# Color

**Hex(A22449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A22449
RGB	162, 36, 73
RGB Percent	64%, 14%, 29%
CMY	0.3647, 0.8588, 0.7137
CMYK	0.00, 0.78, 0.55, 0.36
HSL	342°, 64%, 39%
HSV	342°, 78%, 64%
XYZ	16.7338, 9.4242, 7.2404
YIQ	77.8920, 63.2190, 38.2190

# Conversions

## Conversions Part 2

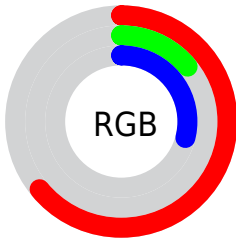
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	162, 36, 73
Decimal	10626121
CIE Lab	36.79, 52.70, 9.99
CIE LCh	37, 53.636, 10.731
Yxy	9.4242, 0.5010, 0.2822
Android (android.graphics.Color)	4288816201 (0xFFA22449)
YUV	77.8920, -2.4118, 73.7627
Hunter-Lab	30.6988, 43.5765, 7.5054

# Details

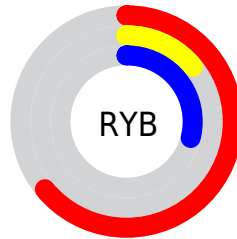
The Hex color **A22449** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24A27D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DE5D79**, and **68001E** is the 20% darker color. If you saturate the color by 10%, you get **A2143E**, and if you desaturate by 10%, it is **A23454**.

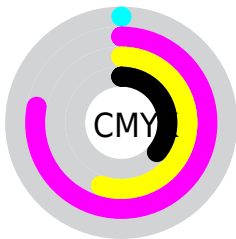
# Distribution



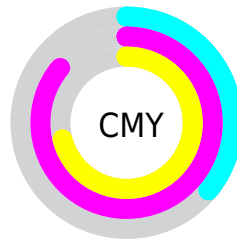
- Red (64%)
- Green (14%)
- Blue (29%)



- Red (64%)
- Yellow (14%)
- Blue (29%)



- Cyan (0%)
- Magenta (78%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (86%)
- Yellow (71%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A22449 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 A22449 by changing the saturation by 10% instead.



 A22449

 A22449

FFFFFF

 850033

 DE5D79

 68001E

 FC7893

 4C0004

 FF94AD

 310002

 FFB0C9

 000000

 FFCCE5

 FFEAFF

 A22449

 A22449

 A2143E

 A23454

 A20432

 A24460

 A20030

 A2556B

 A26577

 A27582

 A2858E

 A29599

 A2A6A5

 A2B6B0

# Harmonies

## Analogous

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



942C74



A22449



993520

# Triad

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



A22449



296307



0063A8

# Complementary

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



A22449



24A27D

# 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.



00698E



A22449



006838

# Square

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



A22449



5B5A00



006A65



0057AC

# Rectangle

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



A22449



894300



006A65



0065A2



# Sweetspot

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



A22449



D4A3B1



7C24A2



6B4D56



EBEBEB



6B6B6B



# Same Dimension

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



A22449



D40F49



A23D24



52494C



91002B



120005



# Inverse Universe

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



A22449



D40F49



2489A2



52494C



91002B



120005



# Previews

## White Background



This preview shows how the Hex color A22449 looks on a white background.

## Color Contrast Check

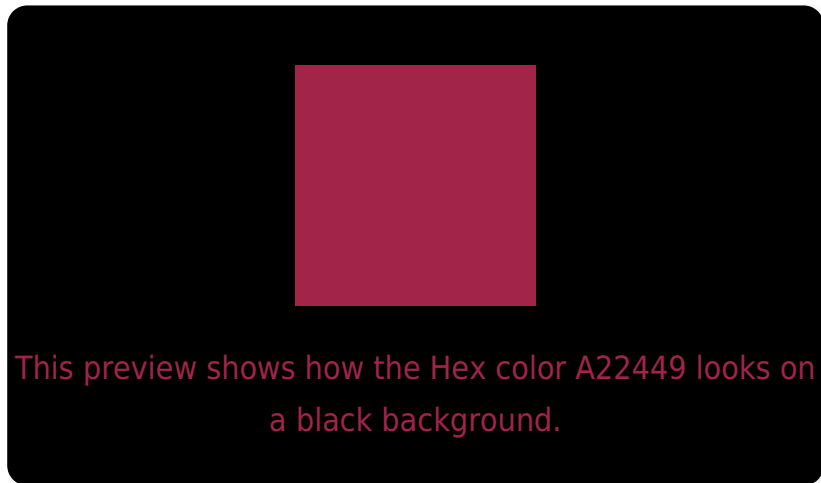
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A22449 Background



This preview shows how black text looks on a background with the Hex color A22449.

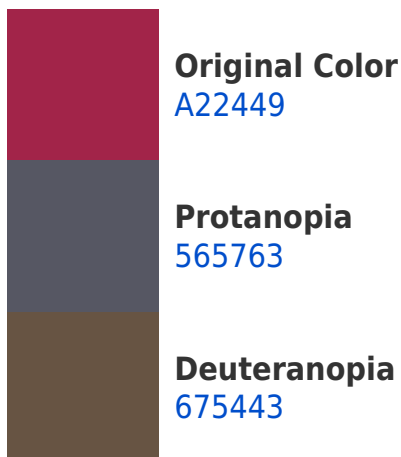


This preview shows how white text looks on a background with the Hex color A22449.

# 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**  
A22449

**Protanomaly**  
72445A

**Deuteranomaly**  
7C4345

**Tritanomaly**  
A12837

# Monochromacy



**Original Color**  
A22449

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
6D3F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A22449 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 #A22449 looks like.

```
.text, #text, p{  
    color:#A22449  
}
```

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 #A22449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22449
}
```

## Border

The CSS property to change the border of an element to Hex A22449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

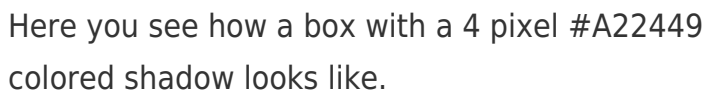
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A22449 }
```

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

```
.border{ border-color:#A22449 }
```

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



Here you see how a box with a 4 pixel `#A22449` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22449; -webkit-box-shadow:4px 4px  
4px 4px #A22449; box-shadow:4px 4px 4px  
4px #A22449 }
```

# Background

The CSS property to change the background color of an element to Hex A22449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22449 }
```

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

```
.background{ background-color:#A22449 }
```

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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