

# Converting Colors

Hex(A22C49)

Have a look what the booklet for  
Hex(A22C49) contains.

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# Color

Hex(A22C49)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A22C49
RGB	162, 44, 73
RGB Percent	64%, 17%, 29%
CMY	0.3647, 0.8275, 0.7137
CMYK	0.00, 0.73, 0.55, 0.36
HSL	345°, 57%, 40%
HSV	345°, 73%, 64%
XYZ	17.0036, 9.9638, 7.3303
YIQ	82.5880, 61.0190, 34.0350

# Conversions

## Conversions Part 2

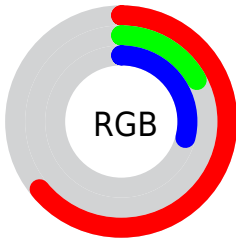
Format	Color
R <sub>Y</sub> B	162, 44, 73
Decimal	10628169
CIE Lab	37.78, 49.93, 11.36
CIE LCh	38, 51.209, 12.815
Yxy	9.9638, 0.4958, 0.2905
Android (android.graphics.Color)	4288818249 (0xFFA22C49)
YUV	82.5880, -4.7269, 69.6443
Hunter-Lab	31.5655, 40.9142, 8.3271

# Details

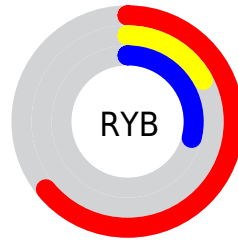
The Hex color **A22C49** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2CA285**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **DD6379**, and **68001E** is the 20% darker color. If you saturate the color by 10%, you get **A21C3D**, and if you desaturate by 10%, it is **A23C55**.

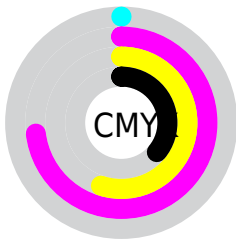
# Distribution



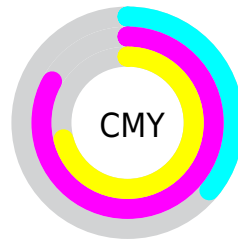
- Red (64%)
- Green (17%)
- Blue (29%)



- Red (64%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (73%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (83%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A22C49 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 A22C49 by changing the saturation by 10% instead.





A22C49



A22C49

FFFFFF



850733



DD6379



68001E



FC7E93



4D0004



FF99AE



320002



FFB5C9



000000



FFD2E5



FFEFFF



A22C49



A22C49



A21C3D



A23C55

 A20C31

 A24C61

 A20028

 A25D6E

 A26D7A

 A27D86

 A28D92

 A29D9F

 A2AEAB

 A2BEB7

# Harmonies

## Analogous

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



963172



A22C49



983B22

# Triad

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



A22C49



2B6614



0064A8

# Complementary

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



A22C49



2CA285

# 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.



006A91



A22C49



006A3F

# Square

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



A22C49



5B5D00



006C6A



0D58AA

# Rectangle

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



A22C49



894806



006C6A



0067A3



# Sweetspot

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



A22C49



D4A5B1



842CA2



6B4F56



EBEBEB



6B6B6B



# Same Dimension

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



A22C49



D41C49



A24A2C



52494B



910024



120004



# Inverse Universe

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



A22C49



D41C49



2C84A2



52494B



910024



120004



# Previews

## White Background



This preview shows how the Hex color A22C49 looks on a white background.

## Color Contrast Check

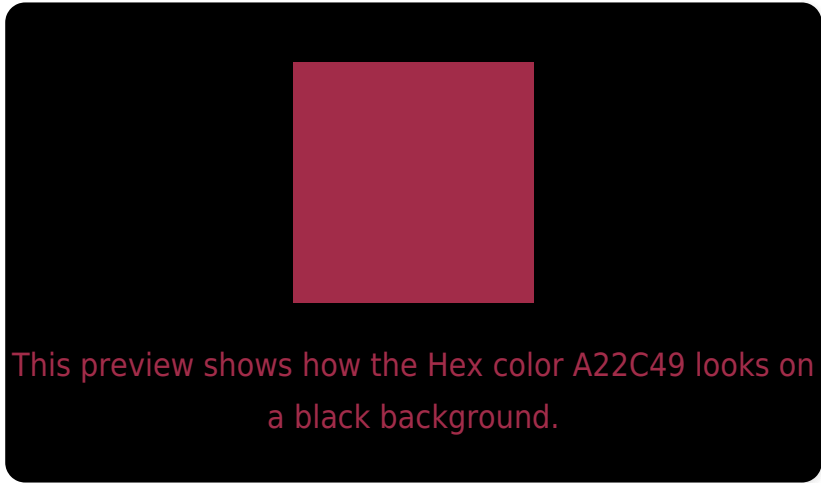
Large Text (above 18pt) WCAG AA ✓ Pass

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 A22C49 Background



This preview shows how black text looks on a background with the Hex color A22C49.

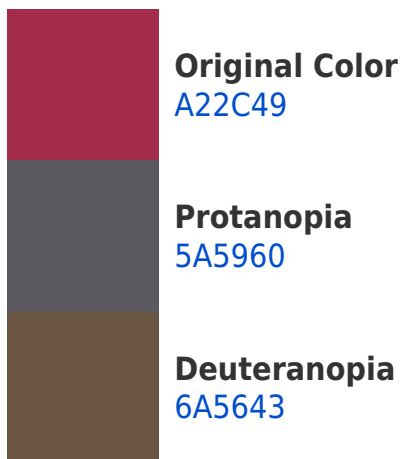


This preview shows how white text looks on a background with the Hex color A22C49.

# 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



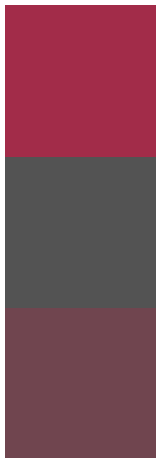
**Original Color**  
A22C49

**Protanomaly**  
744958

**Deuteranomaly**  
7E4745

**Tritanomaly**  
A12F3B

# Monochromacy



**Original Color**  
A22C49

**Achromatopsia**  
535353

**Achromatomaly**  
70454F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A22C49 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 #A22C49 looks like.

```
.text, #text, p{  
    color:#A22C49  
}
```

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 #A22C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22C49
}
```

## Border

The CSS property to change the border of an element to Hex A22C49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

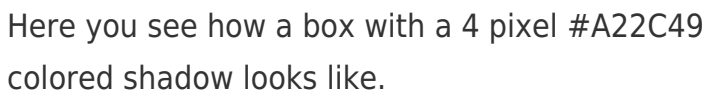
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A22C49 }
```

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

```
.border{ border-color:#A22C49 }
```

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



Here you see how a box with a 4 pixel `#A22C49` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22C49; -webkit-box-shadow:4px 4px  
4px 4px #A22C49; box-shadow:4px 4px 4px  
4px #A22C49 }
```

# Background

The CSS property to change the background color of an element to Hex A22C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22C49 }
```

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

```
.background{ background-color:#A22C49 }
```

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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