

# Converting Colors

Hex(A11B49)

Have a look what the booklet for  
Hex(A11B49) contains.

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# Color

**Hex(A11B49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A11B49
RGB	161, 27, 73
RGB Percent	63%, 11%, 29%
CMY	0.3686, 0.8941, 0.7137
CMYK	0.00, 0.83, 0.55, 0.37
HSL	339°, 71%, 37%
HSV	339°, 83%, 63%
XYZ	16.2925, 8.8420, 7.1513
YIQ	72.3100, 65.0980, 42.7140

# Conversions

## Conversions Part 2

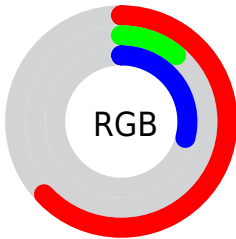
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 27, 73
Decimal	10558281
CIELab	35.68, 55.00, 8.41
CIELCh	36, 55.637, 8.691
Yxy	8.8420, 0.5046, 0.2739
Android (android.graphics.Color)	4288748361 (0xFFA11B49)
YUV	72.3100, 0.3402, 77.7811
Hunter-Lab	29.7355, 45.7656, 6.5557

# Details

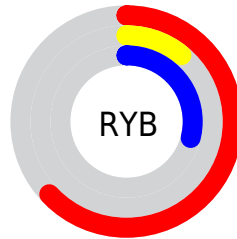
The Hex color **A11B49** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1BA173**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DD5779**, and **67001E** is the 20% darker color. If you saturate the color by 10%, you get **A10B3E**, and if you desaturate by 10%, it is **A12B54**.

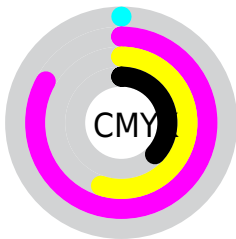
# Distribution



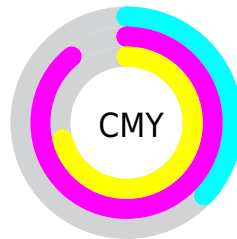
- Red (63%)
- Green (11%)
- Blue (29%)



- Red (63%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (83%)
- Yellow (55%)
- Black (37%)



- Cyan (37%)
- Magenta (89%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A11B49 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 A11B49 by changing the saturation by 10% instead.



 A11B49

 A11B49

FFFFFF

 840033

 DD5779

 67001E

 FB7393

 4B0004

 FF8FAD

 2F0002

 FFABC9

 000000

 FFC7E5

 FFE4FF

 A11B49

 A11B49

 A10B3E

 A12B54

 A10037

 A13B5E

 A14B69

 A15B73

 A16C7E

 A17C88

 A18C93

 A19C9E

 A1ACA8

# Harmonies

## Analogous

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



922775



A11B49



992E1E

# Triad

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



A11B49



286000



0061A7

# Complementary

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



A11B49



1BA173

# 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.



00668B



A11B49



006531

# Square

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



A11B49



5B5600



006760



0055AD

# Rectangle

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



A11B49



893E00



006760



0064A0



# Sweetspot

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



A11B49



D19DAF



721BA1



694954



E8E8E8



696969



# Same Dimension

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



A11B49



D10048



A12F1B



52494C



910032



120006



# Inverse Universe

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



A11B49



D10048



1B8DA1



52494C



910032



120006



# Previews

## White Background



This preview shows how the Hex color A11B49 looks on a white background.

## Color Contrast Check

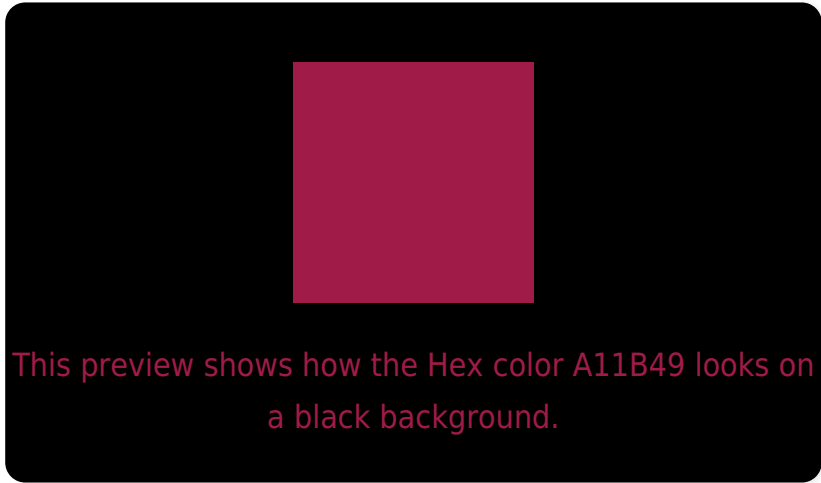
Large Text (above 18pt) WCAG AA ✓ Pass

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 A11B49 Background



This preview shows how black text looks on a background with the Hex color A11B49.

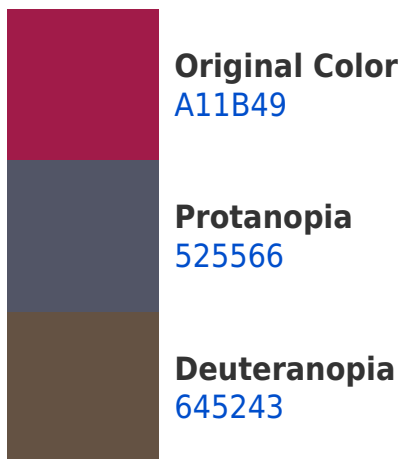


This preview shows how white text looks on a background with the Hex color A11B49.

# 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**  
9F2526

# Trichromacy



**Original Color**  
A11B49

**Protanomaly**  
6F405B

**Deuteranomaly**  
7A3E45

**Tritanomaly**  
A02133

# Monochromacy



**Original Color**  
A11B49

**Achromatopsia**  
484848

**Achromatomaly**  
683848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A11B49 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 #A11B49 looks like.

```
.text, #text, p{  
    color:#A11B49  
}
```

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 #A11B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A11B49
}
```

## Border

The CSS property to change the border of an element to Hex A11B49 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
#A11B49 }
```

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

```
.border{ border-color:#A11B49 }
```

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

Here you see how a box with a 4 pixel #A11B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A11B49; -webkit-box-shadow:4px 4px  
4px 4px #A11B49; box-shadow:4px 4px 4px  
4px #A11B49 }
```

# Background

The CSS property to change the background color of an element to Hex A11B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A11B49 }
```

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

```
.background{ background-color:#A11B49 }
```

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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