

# Converting Colors

Hex(6A11AD)

Have a look what the booklet for  
Hex(6A11AD) contains.

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**Color**

**Hex(6A11AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A11AD
RGB	106, 17, 173
RGB Percent	42%, 7%, 68%
CMY	0.5843, 0.9333, 0.3216
CMYK	0.39, 0.90, 0.00, 0.32
HSL	274°, 82%, 37%
HSV	274°, 90%, 68%
XYZ	13.6871, 6.4822, 40.0650
YIQ	61.3950, 2.9680, 67.3840

# Conversions

## Conversions Part 2

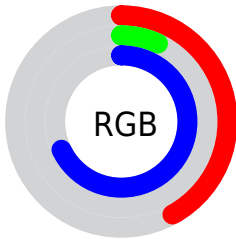
Format	Color
<a href="#">RYB</a>	<a href="#">106, 17, 173</a>
Decimal	<a href="#">6951341</a>
CIELab	<a href="#">30.60, 61.22, -62.98</a>
CIElCh	<a href="#">31, 87.831, 314.192</a>
Yxy	<a href="#">6.4822, 0.2272, 0.1076</a>
Android (android.graphics.Color)	<a href="#">4285141421 (0xFF6A11AD)</a>
YUV	<a href="#">61.3950, 55.0213, 39.1186</a>
Hunter-Lab	<a href="#">25.4602, 51.4046, -75.4786</a>

# Details

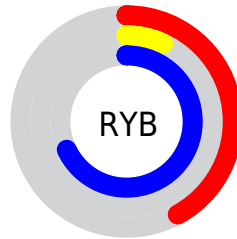
The Hex color **6A11AD** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **54AD11**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A34EE6**, and **2F0077** is the 20% darker color. If you saturate the color by 10%, you get **6300AD**, and if you desaturate by 10%, it is **7122AD**.

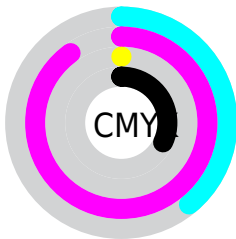
# Distribution



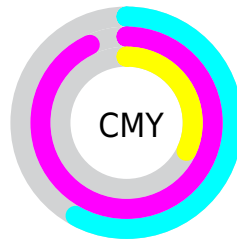
- Red (42%)
- Green (7%)
- Blue (68%)



- Red (42%)
- Yellow (7%)
- Blue (68%)



- Cyan (39%)
- Magenta (90%)
- Yellow (0%)
- Black (32%)



- Cyan (58%)
- Magenta (93%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A11AD 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 6A11AD by changing the saturation by 10% instead.



6A11AD

6A11AD

FFFFFF

4D0092

A34EE6

2F0077

C169FF

0E005E

DE84FF

000045

FC9FFF

00032E

FFBCFF

000118

FFD8FF

000000

FFF5FF

6A11AD

6A11AD

6300AD

7122AD

7934AD

8045AD

8856AD

8F68AD

9779AD

9E8AAD

A59BAD

ADADAD

# Harmonies

## Analogous

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



0049D2



6A11AD



A9006F

# Triad

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



6A11AD



763700



006068

# Complementary

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



6A11AD



54AD11

# 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.



005E1E



6A11AD



3A4F00

# Square

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



6A11AD



A00000



005A00



0061A9

# Rectangle

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



6A11AD



B50042



005A00



005F51



# Sweetspot

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



6A11AD



C6A4E0



1155AD



614C70



F0F0F0



707070



# Same Dimension

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



6A11AD



8000E0



AD11A3



534E57



560096



0D0017



# Inverse Universe

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



AD1154



E00060



11AD1B



574E52



960041

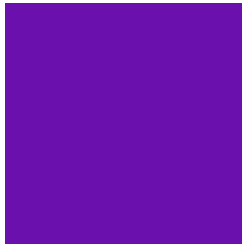


17000A



# Previews

## White Background



This preview shows how the Hex color 6A11AD looks on a white background.

## Color Contrast Check

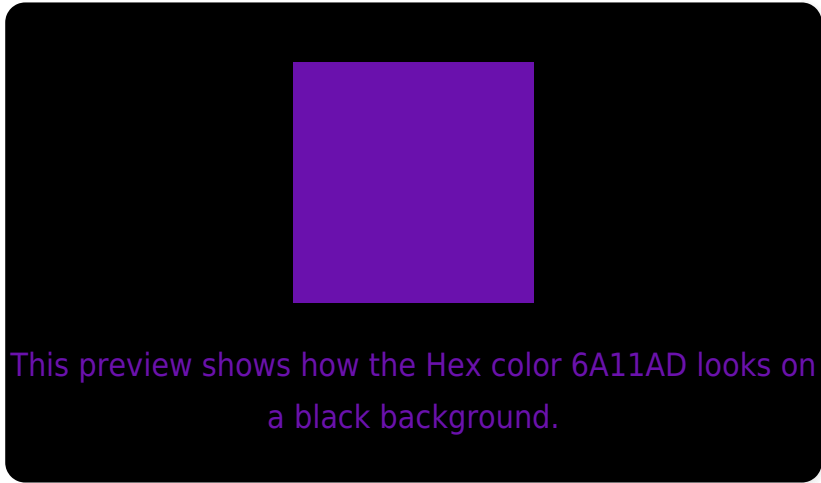
Large Text (above 18pt) WCAG AA ✓ Pass

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

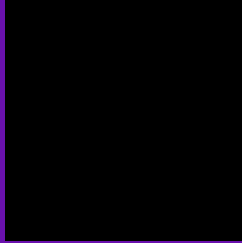
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A11AD Background



This preview shows how black text looks on a background with the Hex color 6A11AD.



This preview shows how white text looks on a background with the Hex color 6A11AD.

# 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](#).

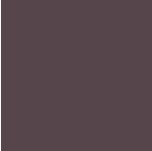
## Dichromacy



**Original Color**  
6A11AD

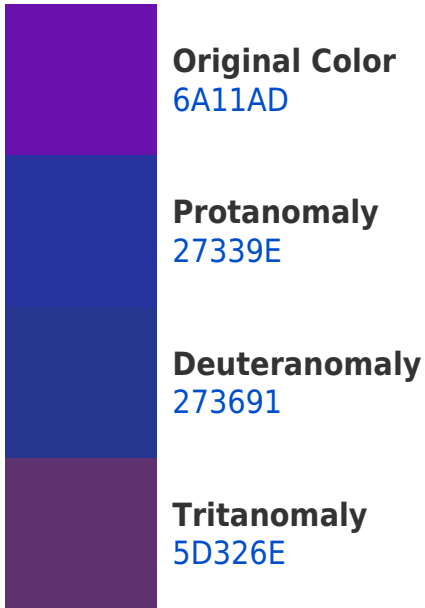
**Protanopia**  
004795

**Deuteranopia**  
004B81

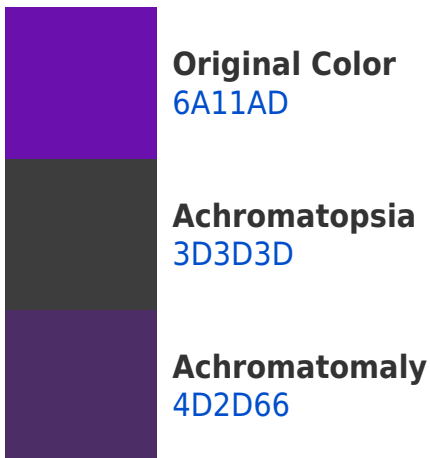


**Tritanopia**  
56454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A11AD 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 #6A11AD looks like.

```
.text, #text, p{  
    color:#6A11AD  
}
```

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 #6A11AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A11AD
}
```

## Border

The CSS property to change the border of an element to Hex 6A11AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

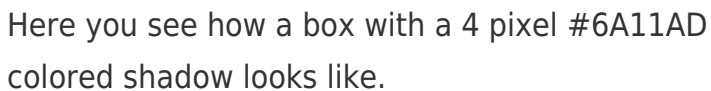
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A11AD }
```

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

```
.border{ border-color:#6A11AD }
```

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



Here you see how a box with a 4 pixel #6A11AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A11AD; -webkit-box-shadow:4px 4px  
4px 4px #6A11AD; box-shadow:4px 4px 4px  
4px #6A11AD }
```

# Background

The CSS property to change the background color of an element to Hex 6A11AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A11AD }
```

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

```
.background{ background-color:#6A11AD }
```

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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