

# Converting Colors

Hex(A0117D)

Have a look what the booklet for  
Hex(A0117D) contains.

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**Color**

**Hex(A0117D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0117D
RGB	160, 17, 125
RGB Percent	63%, 7%, 49%
CMY	0.3725, 0.9333, 0.5098
CMYK	0.00, 0.89, 0.22, 0.37
HSL	315°, 81%, 35%
HSV	315°, 89%, 63%
XYZ	18.3993, 9.3551, 20.2380
YIQ	72.0690, 50.5600, 63.9040

# Conversions

## Conversions Part 2

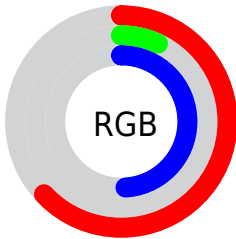
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 17, 125
Decimal	10490237
CIE <sub>Lab</sub>	36.66, 62.26, -23.35
CIE <sub>LCh</sub>	37, 66.493, 339.445
Yxy	9.3551, 0.3834, 0.1949
Android (android.graphics.Color)	4288680317 (0xFFA0117D)
YUV	72.0690, 26.0950, 77.1155
Hunter-Lab	30.5862, 53.8520, -17.8202

# Details

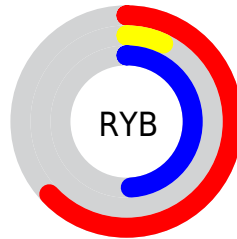
The Hex color **A0117D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11A034**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DA54B2**, and **68004C** is the 20% darker color. If you saturate the color by 10%, you get **A00179**, and if you desaturate by 10%, it is **A02181**.

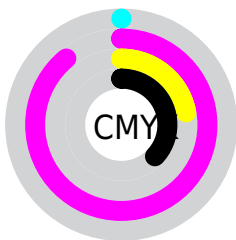
# Distribution



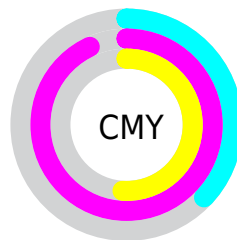
- Red (63%)
- Green (7%)
- Blue (49%)



- Red (63%)
- Yellow (7%)
- Blue (49%)



- Cyan (0%)
- Magenta (89%)
- Yellow (22%)
- Black (37%)



- Cyan (37%)
- Magenta (93%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0117D 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 A0117D by changing the saturation by 10% instead.



 A0117D

 A0117D

FFFFFF

 840064

 DA54B2

 68004C

 F871CD

 4C0035

 FF8DEA

 33001F

 FFA9FF

 0C0001

 FFC6FF

 000000

 FFE3FF

 A0117D

 A0117D

 A00179

 A02181

■ A00079

■ A03185

■ A04189

■ A0518D

■ A06191

■ A07194

■ A08198

■ A0919C

■ A0A1A0

# Harmonies

## Analogous

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



693EAA



A0117D



B10048

# Triad

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



A0117D



5B5A00



006C9A

# Complementary

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



A0117D



11A034

# 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.



006C66



A0117D



156500

# Square

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



A0117D



874500



006A2E



0066BC

# Rectangle

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



A0117D



AC1225



006A2E



006C8A



# Sweetspot

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



A0117D



D199C3



3211A0



694760



E8E8E8



696969



# Same Dimension

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



A0117D



D1009E



A01137



4F474D



8F006C



0F000C



# Inverse Universe

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



A0117D



D1009E



11A07A



4F474D



8F006C



0F000C



# Previews

## White Background



This preview shows how the Hex color A0117D looks on a white background.

## Color Contrast Check

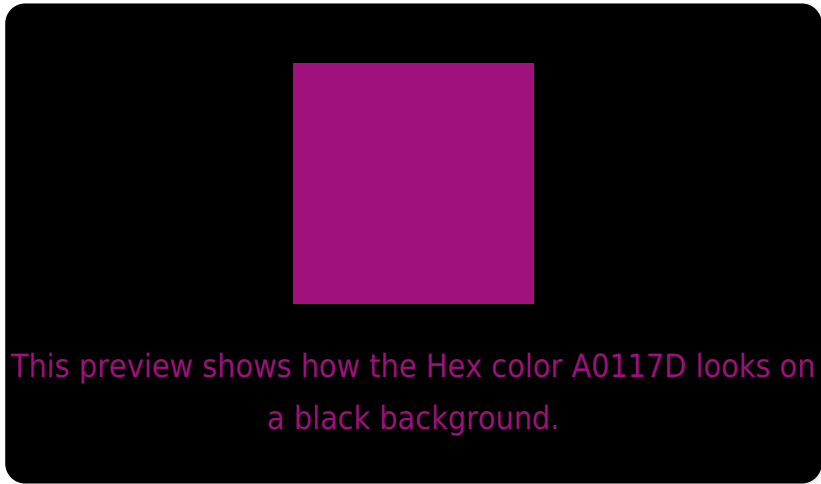
Large Text (above 18pt) WCAG AA ✓ Pass

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

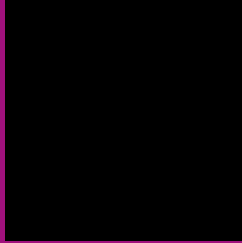
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A0117D Background



This preview shows how black text looks on a background with the Hex color A0117D.

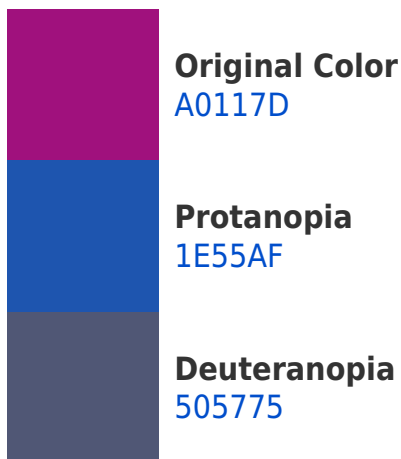



This preview shows how white text looks on a background with the Hex color A0117D.

# 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**  
9A3336

# Trichromacy



**Original Color**  
A0117D



**Protanomaly**  
4D3C9D



**Deuteranomaly**  
6D3E78



**Tritanomaly**  
9C2750

# Monochromacy



**Original Color**  
A0117D



**Achromatopsia**  
484848



**Achromatomaly**  
68345B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0117D 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 #A0117D looks like.

```
.text, #text, p{  
    color:#A0117D  
}
```

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 #A0117D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0117D
}
```

## Border

The CSS property to change the border of an element to Hex A0117D is called "border". The border property can be set on classes, ids or directly on the HTML element.

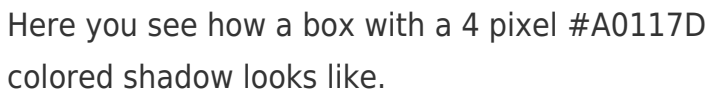
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0117D }
```

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

```
.border{ border-color:#A0117D }
```

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



Here you see how a box with a 4 pixel `#A0117D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0117D; -webkit-box-shadow:4px 4px  
4px 4px #A0117D; box-shadow:4px 4px 4px  
4px #A0117D }
```

# Background

The CSS property to change the background color of an element to Hex A0117D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0117D }
```

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

```
.background{ background-color:#A0117D }
```

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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