

# Converting Colors

Hex(D11AA0)

Have a look what the booklet for  
Hex(D11AA0) contains.

<b>Hex(D11AA0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(D11AA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D11AA0
RGB	209, 26, 160
RGB Percent	82%, 10%, 63%
CMY	0.1804, 0.8980, 0.3725
CMYK	0.00, 0.88, 0.23, 0.18
HSL	316°, 78%, 46%
HSV	316°, 88%, 82%
XYZ	33.0091, 16.8322, 34.7669
YIQ	95.9930, 66.0540, 80.4700

# Conversions

## Conversions Part 2

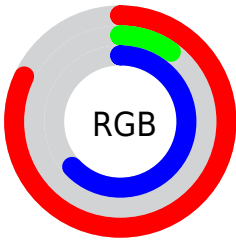
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 26, 160
Decimal	13703840
CIE <sub>Lab</sub>	48.05, 75.39, -26.27
CIE <sub>LCh</sub>	48, 79.832, 340.787
Yxy	16.8322, 0.3901, 0.1989
Android (android.graphics.Color)	4291893920 (0xFFD11AA0)
YUV	95.9930, 31.5555, 99.1071
Hunter-Lab	41.0270, 71.8182, -21.5243

# Details

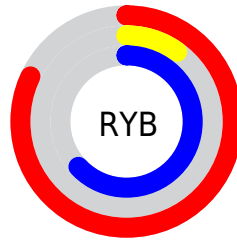
The Hex color **D11AA0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **1AD14B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF63D7**, and **96006C** is the 20% darker color. If you saturate the color by 10%, you get **D1059A**, and if you desaturate by 10%, it is **D12FA6**.

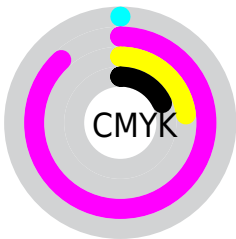
# Distribution



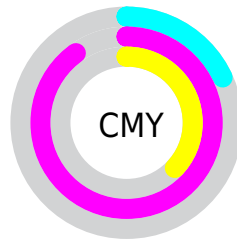
- Red (82%)
- Green (10%)
- Blue (63%)



- Red (82%)
- Yellow (10%)
- Blue (63%)



- Cyan (0%)
- Magenta (88%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (90%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D11AA0 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 D11AA0 by changing the saturation by 10% instead.



 D11AA0

 D11AA0

FFFFFF

 B30086

 FF63D7

 96006C

 FF81F4

 790054

 FF9EFF

 5C003C

 FFBCFF

 410026

 FFDAFF

 23000E

 FFF8FF

 000000

 D11AA0

 D11AA0

 D1059A

 D12FA6

 D10099

 D144AB

 D159B1

 D16EB6

 D183BC

 D197C2

 D1ACC7

 D1C1CD

 D1D6D2

# Harmonies

## Analogous

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



8F52DA



D11AA0



E5005D

# Triad

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



D11AA0



757700



008DCA

# Complementary

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



D11AA0



1AD14B

# 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.



008E8A



D11AA0



198500

# Square

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



D11AA0



AD5E00



008B42



0086F3

# Rectangle

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



D11AA0



DE2232



008B42



008EB6



# Sweetspot

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



D11AA0



FFBDED



4B1AD1



805875



000000



808080



# Same Dimension

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



D11AA0



FF00BB



D11A45



695E66



A8007B



29001E



# Inverse Universe

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



D11AA0



FF00BB



1AD1A6



695E66



A8007B



29001E



# Previews

## White Background



This preview shows how the Hex color D11AA0 looks on a white background.

## Color Contrast Check

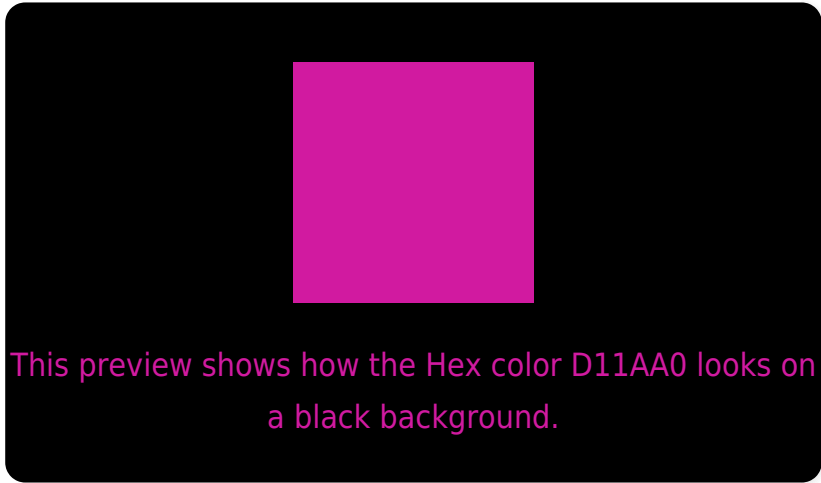
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

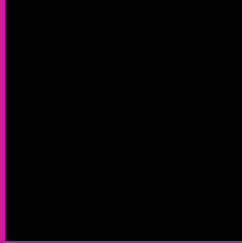
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D11AA0 Background



This preview shows how black text looks on a background with the Hex color D11AA0.

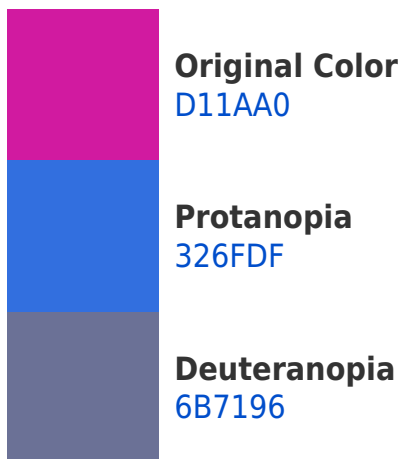


This preview shows how white text looks on a background with the Hex color D11AA0.

# 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**  
D11AA0



**Protanomaly**  
6C50C8



**Deuteranomaly**  
90519A



**Tritanomaly**  
CD3367

# Monochromacy



**Original Color**  
D11AA0



**Achromatopsia**  
606060



**Achromatomaly**  
894777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D11AA0 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 #D11AA0 looks like.

```
.text, #text, p{  
    color:#D11AA0  
}
```

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 #D11AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D11AA0
}
```

## Border

The CSS property to change the border of an element to Hex D11AA0 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
#D11AA0 }
```

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

```
.border{ border-color:#D11AA0 }
```

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

Here you see how a box with a 4 pixel #D11AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D11AA0; -webkit-box-shadow:4px 4px  
4px 4px #D11AA0; box-shadow:4px 4px 4px  
4px #D11AA0 }
```

# Background

The CSS property to change the background color of an element to Hex D11AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D11AA0 }
```

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

```
.background{ background-color:#D11AA0 }
```

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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