

# Converting Colors

Hex(A912B4)

Have a look what the booklet for  
Hex(A912B4) contains.

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**Color**

**Hex(A912B4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A912B4                    |
| RGB           | 169, 18, 180              |
| RGB Percent   | 66%, 7%, 71%              |
| CMY           | 0.3373, 0.9294, 0.2941    |
| CMYK          | 0.06, 0.90, 0.00, 0.29    |
| HSL           | 296°, 82%, 39%            |
| HSV           | 296°, 90%, 71%            |
| XYZ           | 24.8167, 12.1629, 44.2197 |
| YIQ           | 81.6170, 37.9940, 82.3940 |

# Conversions

## Conversions Part 2

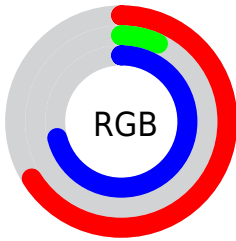
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 169, 18, 180                  |
| Decimal                             | 11080372                      |
| CIE Lab                             | 41.47, 71.84, -49.02          |
| CIE LCh                             | 41, 86.971, 325.695           |
| Yxy                                 | 12.1629, 0.3056,<br>0.1498    |
| Android<br>(android.graphics.Color) | 4289270452<br>(0xFFA912B4)    |
| YUV                                 | 81.6170, 48.5028,<br>76.6349  |
| Hunter-Lab                          | 34.8754, 65.9856,<br>-50.7631 |

# Details

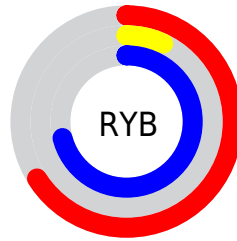
The Hex color **A912B4** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1DB412**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E459ED**, and **70007E** is the 20% darker color. If you saturate the color by 10%, you get **A800B4**, and if you desaturate by 10%, it is **AA24B4**.

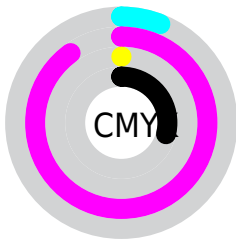
# Distribution



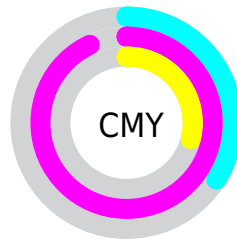
- Red (66%)
- Green (7%)
- Blue (71%)



- Red (66%)
- Yellow (7%)
- Blue (71%)



- Cyan (6%)
- Magenta (90%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (93%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A912B4 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 A912B4 by changing the saturation by 10% instead.



 A912B4

 A912B4

FFFFFF

 8C0099

 E459ED

 70007E

 FF77FF

 540065

 FF93FF

 3A004C

 FFB0FF

 1C0034

 FFCEFF

 00021E

 FFE8FF

 000000

 A912B4

 A912B4

 A800B4

 AA24B4

 AB36B4

 AD48B4

 AE5AB4

 AF6CB4

 B07EB4

 B290B4

 B3A2B4

 B4B4B4

# Harmonies

## Analogous

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



1454E6



A912B4



D40070

# Triad

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



A912B4



815C00



007D9F

# Complementary

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



A912B4



1DB412

# 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.



007C55



A912B4



396F00

# Square

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



A912B4



B43500



007800



007BD9

# Rectangle

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



A912B4



D70041



007800



007D87



# Sweetspot

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



A912B4



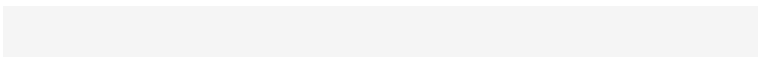
E6ABEB



121FB4



735075



F5F5F5



757575



# Same Dimension

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



A912B4



DB00EB



B41270



595059



8F0099



18001A



# Inverse Universe

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



B4121D



EB0010



12B456



595051



99000A



1A0002



# Previews

## White Background



This preview shows how the Hex color A912B4 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

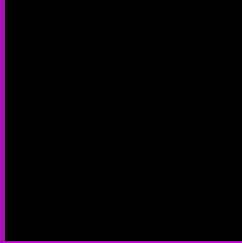
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A912B4 Background



This preview shows how black text looks on a background with the Hex color A912B4.

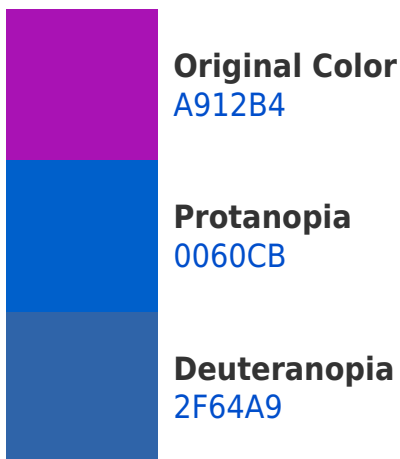



This preview shows how white text looks on a background with the Hex color A912B4.

# 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**  
9D484D

# Trichromacy



**Original Color**  
A912B4



**Protanomaly**  
3D44C3



**Deuteranomaly**  
5B46AD



**Tritanomaly**  
A13472

# Monochromacy



**Original Color**  
A912B4



**Achromatopsia**  
525252



**Achromatomaly**  
723B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A912B4 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 #A912B4 looks like.

```
.text, #text, p{  
    color:#A912B4  
}
```

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 #A912B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A912B4
}
```

## Border

The CSS property to change the border of an element to Hex A912B4 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".

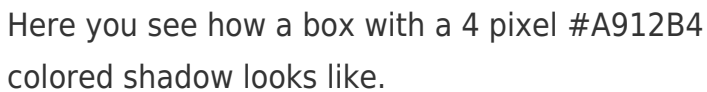
```
.border, #border, table{ border:4px solid
#A912B4 }
```

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

```
.border{ border-color:#A912B4 }
```

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

Here you see how a box with a 4 pixel #A912B4 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A912B4; -webkit-box-shadow:4px 4px  
4px 4px #A912B4; box-shadow:4px 4px 4px  
4px #A912B4 }
```

# Background

The CSS property to change the background color of an element to Hex A912B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A912B4 }
```

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

```
.background{ background-color:#A912B4 }
```

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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