

Converting Colors

Hex(6912AB)

Have a look what the booklet for
Hex(6912AB) contains.

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Color

Hex(6912AB)

Conversions

Conversions Part 1

Format	Color
Hex	6912AB
RGB	105, 18, 171
RGB Percent	41%, 7%, 67%
CMY	0.5882, 0.9294, 0.3294
CMYK	0.39, 0.89, 0.00, 0.33
HSL	274°, 81%, 37%
HSV	274°, 89%, 67%
XYZ	13.3927, 6.3761, 39.0529
YIQ	61.4550, 2.7390, 66.0270

Conversions

Conversions Part 2

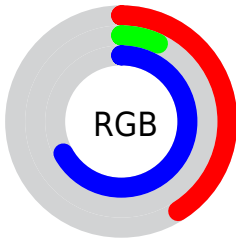
Format	Color
RYB	105, 18, 171
Decimal	6886059
CIELab	30.34, 60.43, -62.20
CIElCh	30, 86.723, 314.174
Yxy	6.3761, 0.2277, 0.1084
Android (android.graphics.Color)	4285076139 (0xFF6912AB)
YUV	61.4550, 54.0057, 38.1890
Hunter-Lab	25.2510, 50.4839, -74.0214

Details

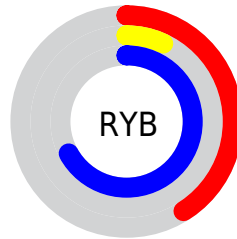
The Hex color **6912AB** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **54AB12**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A24EE3**, and **2E0075** is the 20% darker color. If you saturate the color by 10%, you get **6201AB**, and if you desaturate by 10%, it is **7023AB**.

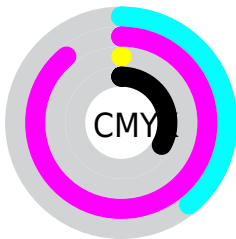
Distribution



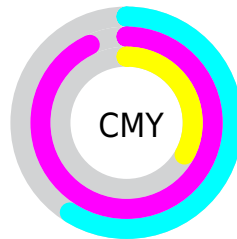
- Red (41%)
- Green (7%)
- Blue (67%)



- Red (41%)
- Yellow (7%)
- Blue (67%)



- Cyan (39%)
- Magenta (89%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6912AB 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 6912AB by changing the saturation by 10% instead.

 6912AB

 6912AB

FFFFFF

 4C0090

 A24EE3

 2E0075

 BF69FF

 0E005C

 DD84FF

 000043

 FB9FFF

 00032C

 FFBCFF

 000116

 FFD8FF

 000000

 FFF5FF

 6912AB

 6912AB

6201AB

7023AB

6100AB

7834AB

7F45AB

8756AB

8E67AB

9579AB

9D8AAB

A49BAB

ABACAB

Harmonies

Analogous

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



0048CF



6912AB



A7006E

Triad

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



6912AB



753600



005F67

Complementary

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



6912AB



54AB12

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.



005D1E



6912AB



3A4F00

Square

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



6912AB



9F0000



005900



0060A7

Rectangle

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



6912AB



B30042



005900



005E50

Sweetspot

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



6912AB



C4A2DE



1254AB



614C70



F0F0F0



707070

Same Dimension

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



6912AB



7E00DE



AB12A1



534E57



560096



0D0017

Inverse Universe

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



AB1254



DE0060



12AB1C



574E52



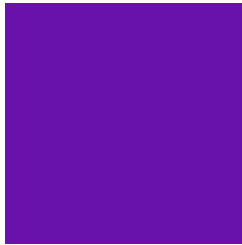
960041



17000A

Previews

White Background



This preview shows how the Hex color 6912AB looks on a white background.

Color Contrast Check

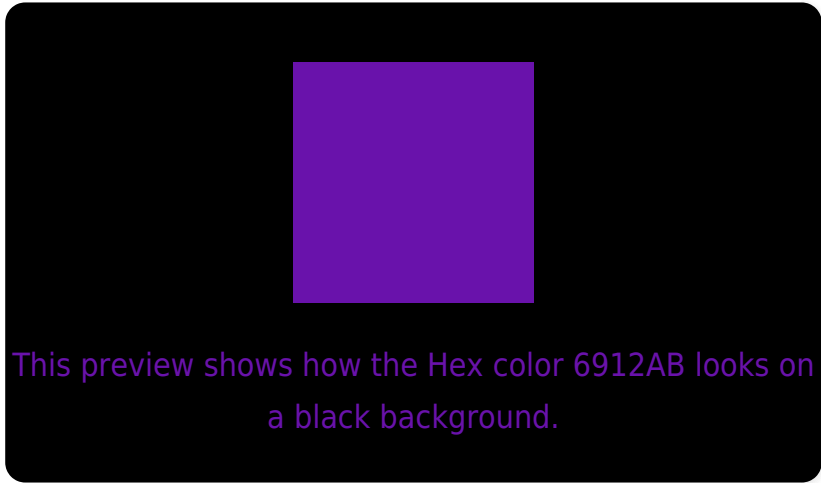
Large Text (above 18pt) WCAG AA ✓ Pass

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

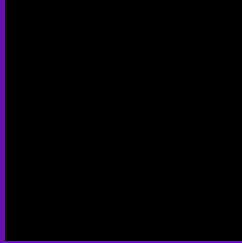
Any Text WCAG AA × Fail

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 6912AB Background



This preview shows how black text looks on a background with the Hex color 6912AB.



This preview shows how white text looks on a background with the Hex color 6912AB.

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](#).

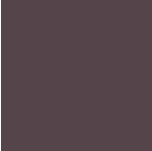
Dichromacy



Original Color
6912AB

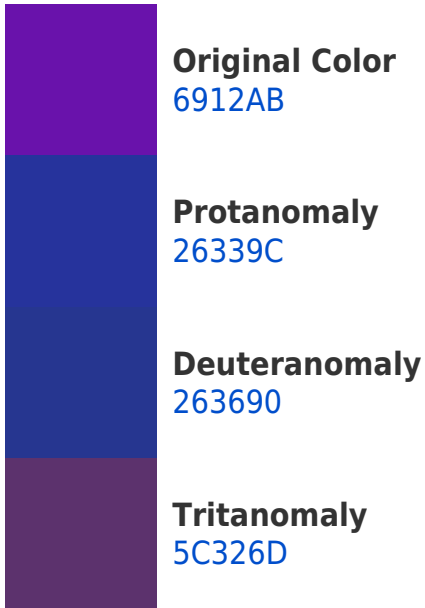
Protanopia
004694

Deuteranopia
004B80

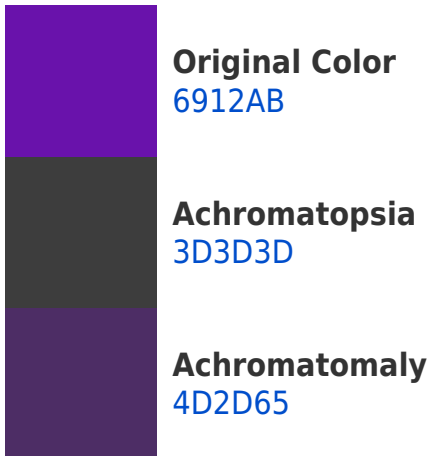


Tritanopia
554449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6912AB 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 #6912AB looks like.

```
.text, #text, p{  
    color:#6912AB  
}
```

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 #6912AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6912AB
}
```

Border

The CSS property to change the border of an element to Hex 6912AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

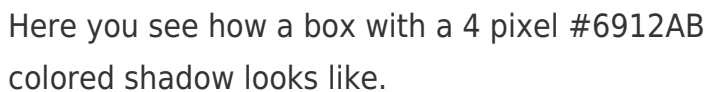
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6912AB }
```

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

```
.border{ border-color:#6912AB }
```

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



Here you see how a box with a 4 pixel #6912AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6912AB; -webkit-box-shadow:4px 4px  
4px 4px #6912AB; box-shadow:4px 4px 4px  
4px #6912AB }
```

Background

The CSS property to change the background color of an element to Hex 6912AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6912AB }
```

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

```
.background{ background-color:#6912AB }
```

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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