

# Converting Colors

Hex(7123AB)

Have a look what the booklet for  
Hex(7123AB) contains.

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**Color**

**Hex(7123AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7123AB
RGB	113, 35, 171
RGB Percent	44%, 14%, 67%
CMY	0.5569, 0.8627, 0.3294
CMYK	0.34, 0.80, 0.00, 0.33
HSL	274°, 66%, 40%
HSV	274°, 80%, 67%
XYZ	14.7618, 7.6530, 39.2272
YIQ	73.8260, 2.8320, 58.8320

# Conversions

## Conversions Part 2

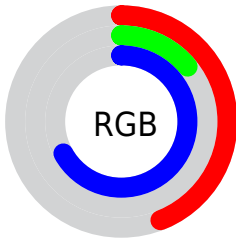
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 35, 171
Decimal	7414699
CIE <sub>Lab</sub>	33.25, 56.48, -57.40
CIE <sub>LCh</sub>	33, 80.527, 314.538
Yxy	7.6530, 0.2395, 0.1242
Android (android.graphics.Color)	4285604779 (0xFF7123AB)
YUV	73.8260, 47.9068, 34.3556
Hunter-Lab	27.6641, 46.8365, -64.7072

# Details

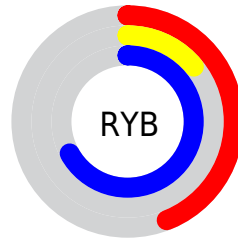
The Hex color **7123AB** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5DAB23**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AA59E3**, and **380076** is the 20% darker color. If you saturate the color by 10%, you get **6A12AB**, and if you desaturate by 10%, it is **7834AB**.

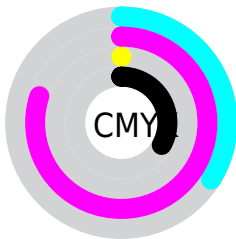
# Distribution



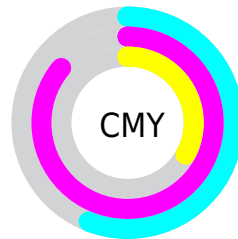
- Red (44%)
- Green (14%)
- Blue (67%)



- Red (44%)
- Yellow (14%)
- Blue (67%)



- Cyan (34%)
- Magenta (80%)
- Yellow (0%)
- Black (33%)



- Cyan (56%)
- Magenta (86%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7123AB 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 7123AB by changing the saturation by 10% instead.



7123AB

7123AB

FFFFFF

550090

AA59E3

380076

C774FF

1B005C

E48FFF

000044

FFABFF

00032C

FFC7FF

000117

FFE4FF

000000

7123AB

7123AB

6A12AB

7834AB

6201AB

8045AB

6200AB

8756AB

8E67AB

9579AB

9D8AAB

A49BAB

ABACAB

B3BDAB

# Harmonies

## Analogous

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



004ECD



7123AB



AA0072

# Triad

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



7123AB



7B3F00



00666D

# Complementary

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



7123AB



5DAB23

# 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.



006429



7123AB



435500

# Square

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



7123AB



A30000



005F00



0066A8

# Rectangle

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



7123AB



B60048



005F00



006557



# Sweetspot

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



7123AB



C7A9DE



235EAB



625070



F0F0F0



707070



# Same Dimension

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



7123AB



840BDE



AB23A2



534E57



560096



0D0017



# Inverse Universe

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



AB235D



DE0B65



23AB2C



574E52



960040



17000A



# Previews

## White Background



This preview shows how the Hex color 7123AB 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

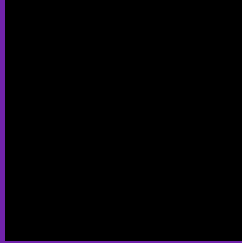
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7123AB Background



This preview shows how black text looks on a background with the Hex color 7123AB.

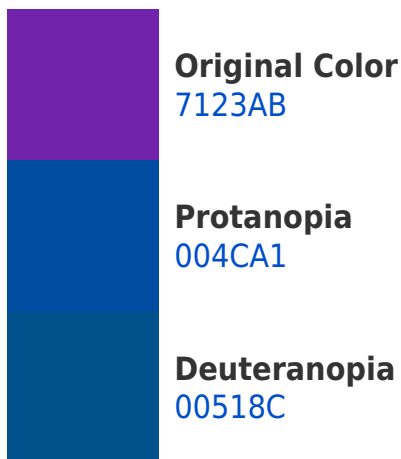


This preview shows how white text looks on a background with the Hex color 7123AB.

# 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](#).

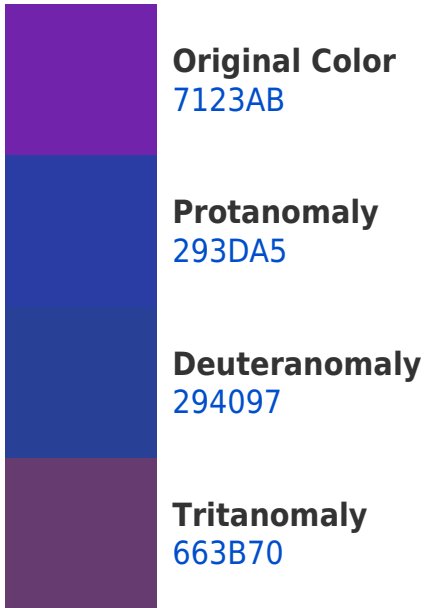
## Dichromacy



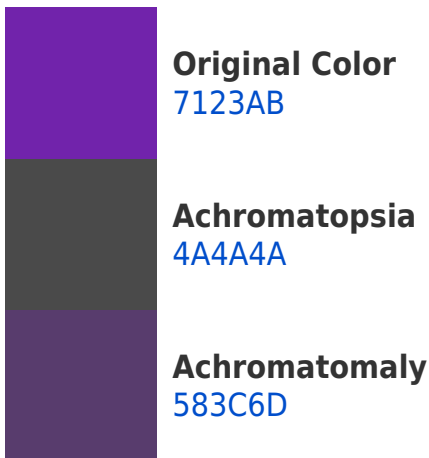


**Tritanopia**  
60494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7123AB 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 #7123AB looks like.

```
.text, #text, p{  
  color:#7123AB  
}
```

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 #7123AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7123AB
}
```

## Border

The CSS property to change the border of an element to Hex 7123AB 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
#7123AB }
```

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

```
.border{ border-color:#7123AB }
```

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

Here you see how a box with a 4 pixel #7123AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7123AB; -webkit-box-shadow:4px 4px  
4px 4px #7123AB; box-shadow:4px 4px 4px  
4px #7123AB }
```

# Background

The CSS property to change the background color of an element to Hex 7123AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7123AB }
```

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

```
.background{ background-color:#7123AB }
```

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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