

# Converting Colors

Hex(7223AD)

Have a look what the booklet for  
Hex(7223AD) contains.

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# Color

**Hex(7223AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7223AD
RGB	114, 35, 173
RGB Percent	45%, 14%, 68%
CMY	0.5529, 0.8627, 0.3216
CMYK	0.34, 0.80, 0.00, 0.32
HSL	274°, 66%, 41%
HSV	274°, 80%, 68%
XYZ	15.0833, 7.7966, 40.2451
YIQ	74.3530, 2.7860, 59.6660

# Conversions

## Conversions Part 2

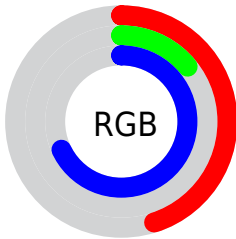
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 35, 173
Decimal	7480237
CIE <sub>Lab</sub>	33.56, 57.10, -58.09
CIE <sub>LCh</sub>	34, 81.454, 314.507
Yxy	7.7966, 0.2389, 0.1235
Android (android.graphics.Color)	4285670317 (0xFF7223AD)
YUV	74.3530, 48.6330, 34.7704
Hunter-Lab	27.9224, 47.5590, -65.9101

# Details

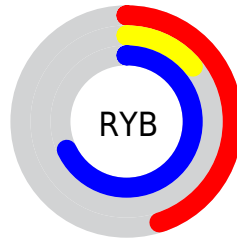
The Hex color **7223AD** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5EAD23**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AB5AE5**, and **390077** is the 20% darker color. If you saturate the color by 10%, you get **6B12AD**, and if you desaturate by 10%, it is **7934AD**.

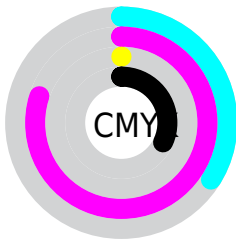
# Distribution



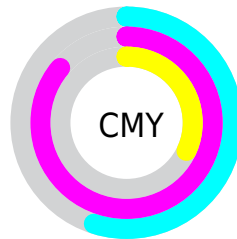
- Red (45%)
- Green (14%)
- Blue (68%)



- Red (45%)
- Yellow (14%)
- Blue (68%)



- Cyan (34%)
- Magenta (80%)
- Yellow (0%)
- Black (32%)



- Cyan (55%)
- Magenta (86%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7223AD 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 7223AD by changing the saturation by 10% instead.



7223AD

7223AD

FFFFFF

560092

AB5AE5

390077

C874FF

1B005E

E58FFF

000045

FFABFF

00042E

FFC7FF

000118

FFE4FF

000000

7223AD

7223AD

6B12AD

7934AD

6300AD

8146AD

8857AD

9068AD

977AAD

9E8BAD

A69CAD

ADADAD

B5BFAD

# Harmonies

## Analogous

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



004ED0



7223AD



AC0073

# Triad

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



7223AD



7C3F00



00676E

# Complementary

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



7223AD



5EAD23

# 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.



006529



7223AD



445600

# Square

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



7223AD



A50000



006000



0067AA

# Rectangle

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



7223AD



B80049



006000



006658



# Sweetspot

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



7223AD



C9ABE0



235FAD



625070



F0F0F0



707070



# Same Dimension

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



7223AD



8409E0



AD23A4



534E57



560096



0D0017



# Inverse Universe

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



AD235E



E00965



23AD2C



574E52



960040

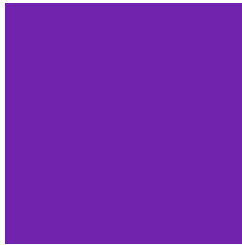


17000A



# Previews

## White Background



This preview shows how the Hex color 7223AD 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

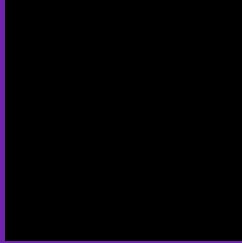
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7223AD Background



This preview shows how black text looks on a background with the Hex color 7223AD.

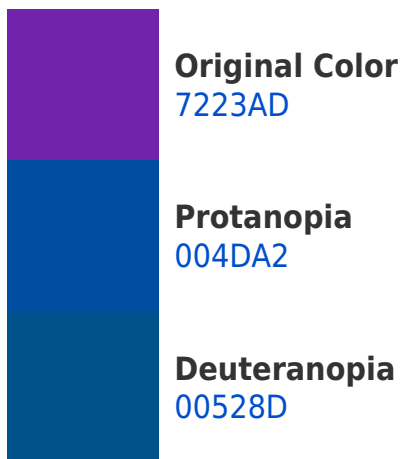



This preview shows how white text looks on a background with the Hex color 7223AD.

# 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](#).

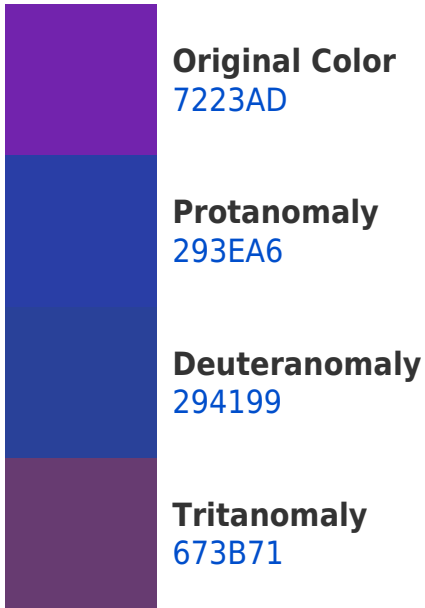
## Dichromacy



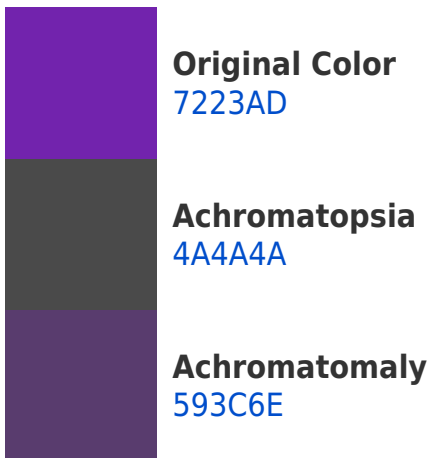


**Tritanopia**  
60494F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7223AD 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 #7223AD looks like.

```
.text, #text, p{  
    color:#7223AD  
}
```

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 #7223AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7223AD
}
```

## Border

The CSS property to change the border of an element to Hex 7223AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

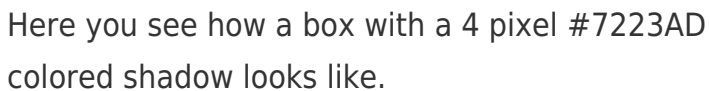
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7223AD }
```

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

```
.border{ border-color:#7223AD }
```

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



Here you see how a box with a 4 pixel #7223AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7223AD; -webkit-box-shadow:4px 4px  
4px 4px #7223AD; box-shadow:4px 4px 4px  
4px #7223AD }
```

# Background

The CSS property to change the background color of an element to Hex 7223AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7223AD }
```

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

```
.background{ background-color:#7223AD }
```

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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