

# Converting Colors

Hex(7A2175)

Have a look what the booklet for  
Hex(7A2175) contains.

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**Color**

**Hex(7A2175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2175
RGB	122, 33, 117
RGB Percent	48%, 13%, 46%
CMY	0.5216, 0.8706, 0.5412
CMYK	0.00, 0.73, 0.04, 0.52
HSL	303°, 57%, 30%
HSV	303°, 73%, 48%
XYZ	11.7808, 6.5096, 17.4652
YIQ	69.1870, 26.0800, 44.9920

# Conversions

## Conversions Part 2

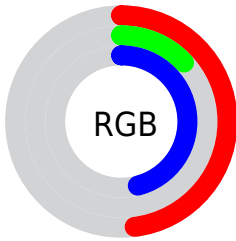
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 33, 117
Decimal	8003957
CIE <sub>Lab</sub>	30.66, 48.16, -28.21
CIE <sub>LCh</sub>	31, 55.816, 329.637
Yxy	6.5096, 0.3295, 0.1821
Android (android.graphics.Color)	4286194037 (0xFF7A2175)
YUV	69.1870, 23.5718, 46.3170
Hunter-Lab	25.5140, 37.7707, -22.7262

# Details

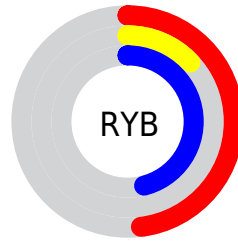
The Hex color **7A2175** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **217A26**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B157A9**, and **460044** is the 20% darker color. If you saturate the color by 10%, you get **7A1574**, and if you desaturate by 10%, it is **7A2D76**.

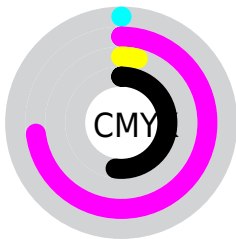
# Distribution



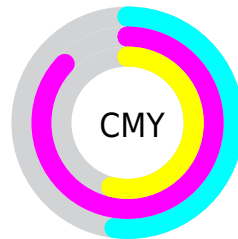
- Red (48%)
- Green (13%)
- Blue (46%)



- Red (48%)
- Yellow (13%)
- Blue (46%)



- Cyan (0%)
- Magenta (73%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (87%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2175 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 7A2175 by changing the saturation by 10% instead.



 7A2175

 7A2175

FFFFFF

 5F005C

 B157A9

 460044

 CD71C5

 2F002E

 EA8CE1

 070018

 FFA7FE

 000000

 FFC3FF

 FFE0FF

 FFFDFF

 7A2175

 7A2175

■ 7A1574

■ 7A2D76

■ 7A0974

■ 7A3976

■ 7A0073

■ 7A4677

■ 7A5278

■ 7A5E78

■ 7A6A79

■ 7A767A

■ 7A837A

■ 7A8F7B

# Harmonies

## Analogous

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



3F3D95



7A2175



91004B

# Triad

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



7A2175



5A4600



005A72

# Complementary

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



7A2175



217A26

# 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.



005A46



7A2175



2E5200

# Square

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



7A2175



7A3300



005817



005794

# Rectangle

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



7A2175



920A2E



005817



005B64



# Sweetspot

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



7A2175



9E7B9C



25217A



4F3A4E



CFCFCF



4F4F4F



# Same Dimension

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



7A2175



9E1396



7A2149



3D373D



7D0076



FC00EE



# Inverse Universe

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



7A2175



9E1396



217A52



3D373D



7D0076



FC00EE



# Previews

## White Background



This preview shows how the Hex color 7A2175 looks on a white background.

## Color Contrast Check

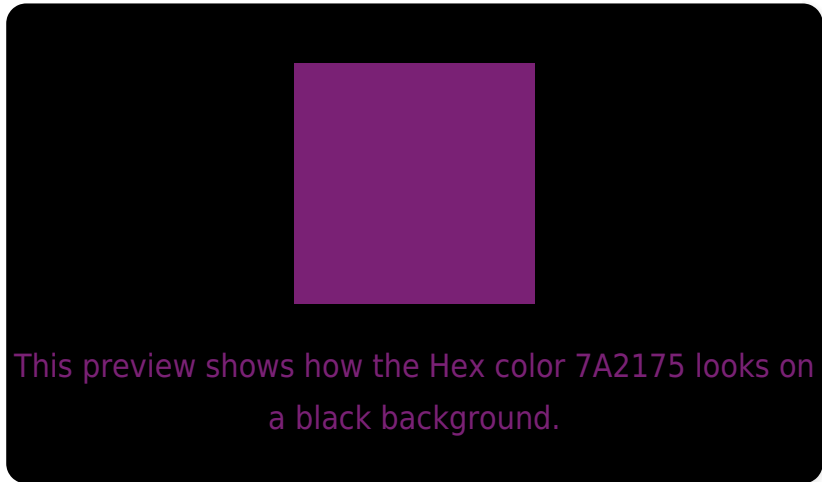
Large Text (above 18pt) WCAG AA ✓ Pass

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

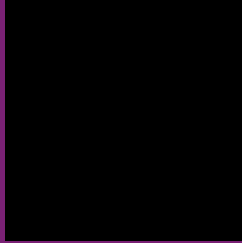
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A2175 Background



This preview shows how black text looks on a background with the Hex color 7A2175.



This preview shows how white text looks on a background with the Hex color 7A2175.

# 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**  
743639

# Trichromacy



**Original Color**

7A2175



**Protanomaly**

2C398B



**Deuteranomaly**

503A71



**Tritanomaly**

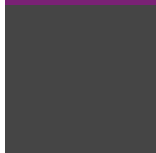
762E4F

# Monochromacy



**Original Color**

7A2175



**Achromatopsia**

454545



**Achromatomaly**

583856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2175 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 #7A2175 looks like.

```
.text, #text, p{  
    color:#7A2175  
}
```

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 #7A2175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2175
}
```

## Border

The CSS property to change the border of an element to Hex 7A2175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

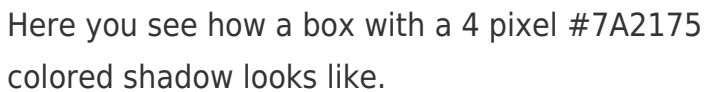
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2175 }
```

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

```
.border{ border-color:#7A2175 }
```

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



Here you see how a box with a 4 pixel #7A2175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2175; -webkit-box-shadow:4px 4px  
4px 4px #7A2175; box-shadow:4px 4px 4px  
4px #7A2175 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2175 }
```

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

```
.background{ background-color:#7A2175 }
```

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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