

# Converting Colors

Hex(7A2C61)

Have a look what the booklet for  
Hex(7A2C61) contains.

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# Color

**Hex(7A2C61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2C61
RGB	122, 44, 97
RGB Percent	48%, 17%, 38%
CMY	0.5216, 0.8275, 0.6196
CMYK	0.00, 0.64, 0.20, 0.52
HSL	319°, 47%, 33%
HSV	319°, 64%, 48%
XYZ	11.0844, 6.8020, 12.0380
YIQ	73.3640, 29.4750, 33.0190

# Conversions

## Conversions Part 2

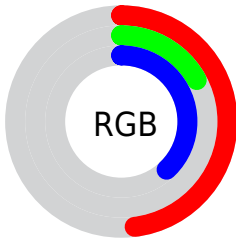
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 44, 97
Decimal	8006753
CIE <sub>Lab</sub>	31.35, 40.18, -14.35
CIE <sub>LCh</sub>	31, 42.666, 340.348
Yxy	6.8020, 0.3704, 0.2273
Android (android.graphics.Color)	4286196833 (0xFF7A2C61)
YUV	73.3640, 11.6525, 42.6538
Hunter-Lab	26.0807, 30.2221, -9.1098

# Details

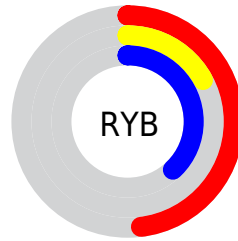
The Hex color **7A2C61** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C7A45**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B15F94**, and **460032** is the 20% darker color. If you saturate the color by 10%, you get **7A205D**, and if you desaturate by 10%, it is **7A3865**.

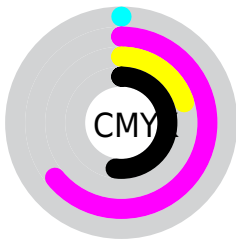
# Distribution



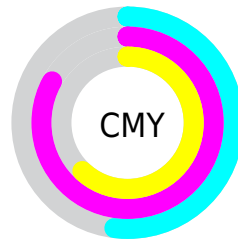
- Red (48%)
- Green (17%)
- Blue (38%)



- Red (48%)
- Yellow (17%)
- Blue (38%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)
- Black (52%)



- Cyan (52%)
- Magenta (83%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2C61 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 7A2C61 by changing the saturation by 10% instead.



 7A2C61

 7A2C61

FFFFFF

 601149

 B15F94

 460032

 CD79AE

 30001E

 EA93CA

 080000

 FFAFE6

 000000

 FFCBFF

 FFE7FF

 7A2C61

 7A2C61

 7A205D

 7A3865

7A1459

7A4469

7A0755

7A516D

7A0053

7A5D71

7A6975

7A7578

7A817C

7A8E80

7A9A84

# Harmonies

## Analogous

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



5A3B7D



7A2C61



852740

# Triad

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



7A2C61



4F4C00



005874

# Complementary

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



7A2C61



2C7A45

# 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.



005955



7A2C61



2A5411

# Square

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



7A2C61



6B4003



005832



005389

# Rectangle

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



7A2C61



832D2A



005832



00596B



# Sweetspot

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



7A2C61



9E8094



452C7A



4F3D49



CFCFCF



4F4F4F



# Same Dimension

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



7A2C61



9E2477



7A2C3A



3D373B



7D0055



FC00AC



# Inverse Universe

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



7A2C61



9E2477



2C7A6C



3D373B



7D0055

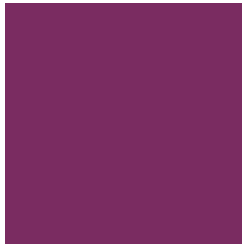


FC00AC



# Previews

## White Background



This preview shows how the Hex color 7A2C61 looks on a white background.

## Color Contrast Check

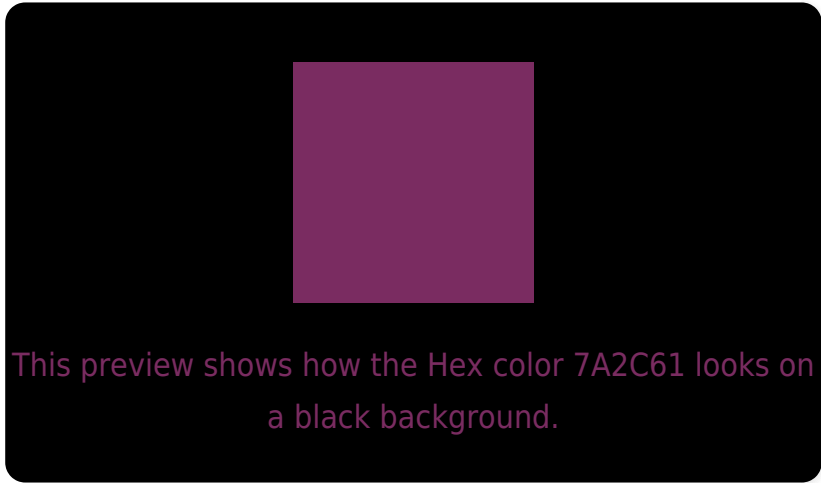
Large Text (above 18pt) WCAG AA ✓ Pass

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

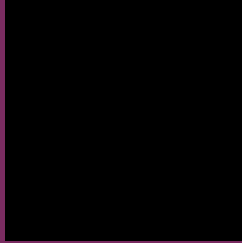
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A2C61 Background



This preview shows how black text looks on a background with the Hex color 7A2C61.




This preview shows how white text looks on a background with the Hex color 7A2C61.

# 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**  
76363A

# Trichromacy



**Original Color**  
7A2C61

**Protanomaly**  
513E70

**Deuteranomaly**  
5B3E5E

**Tritanomaly**  
773248

# Monochromacy



**Original Color**  
7A2C61

**Achromatopsia**  
494949

**Achromatomaly**  
5B3E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2C61 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 #7A2C61 looks like.

```
.text, #text, p{  
    color:#7A2C61  
}
```

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 #7A2C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2C61
}
```

## Border

The CSS property to change the border of an element to Hex 7A2C61 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
#7A2C61 }
```

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

```
.border{ border-color:#7A2C61 }
```

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

Here you see how a box with a 4 pixel #7A2C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2C61; -webkit-box-shadow:4px 4px  
4px 4px #7A2C61; box-shadow:4px 4px 4px  
4px #7A2C61 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2C61 }
```

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

```
.background{ background-color:#7A2C61 }
```

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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