

Converting Colors

Hex(7A2189)

Have a look what the booklet for
Hex(7A2189) contains.

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Color

Hex(7A2189)

Conversions

Conversions Part 1

Format	Color
Hex	7A2189
RGB	122, 33, 137
RGB Percent	48%, 13%, 54%
CMY	0.5216, 0.8706, 0.4627
CMYK	0.11, 0.76, 0.00, 0.46
HSL	291°, 61%, 33%
HSV	291°, 76%, 54%
XYZ	13.0853, 7.0314, 24.3344
YIQ	71.4670, 19.6600, 51.2120

Conversions

Conversions Part 2

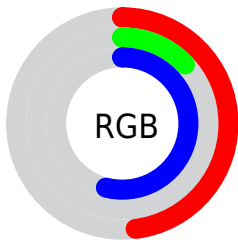
Format	Color
R_{YB}	122, 33, 137
Decimal	8003977
CIE _{Lab}	31.88, 51.80, -38.82
CIE _{LCh}	32, 64.738, 323.152
Yxy	7.0314, 0.2944, 0.1582
Android (android.graphics.Color)	4286194057 (0xFF7A2189)
YUV	71.4670, 32.3078, 44.3174
Hunter-Lab	26.5168, 41.6798, -35.8485

Details

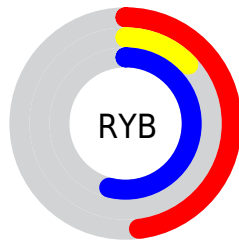
The Hex color **7A2189** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **308921**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B157BF**, and **450056** is the 20% darker color. If you saturate the color by 10%, you get **781389**, and if you desaturate by 10%, it is **7C2F89**.

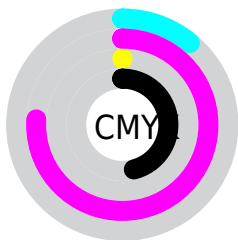
Distribution



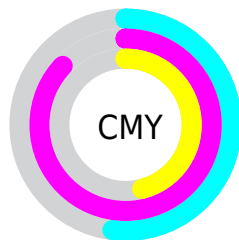
- Red (48%)
- Green (13%)
- Blue (54%)



- Red (48%)
- Yellow (13%)
- Blue (54%)



- Cyan (11%)
- Magenta (76%)
- Yellow (0%)
- Black (46%)



- Cyan (52%)
- Magenta (87%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2189 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 7A2189 by changing the saturation by 10% instead.

 7A2189

 7A2189

FFFFFF

 5F006F

 B157BF

 450056

 CE72DB

 2D003F

 EB8DF8

 0C0028

 FFA9FF

 000111

 FFC5FF

 000000

 FFE1FF

 7A2189

 7A2189

 781389

 7C2F89

760689

7E3C89

750089

804A89

825889

846689

867389

888189

8A8F89

8C9C89

Harmonies

Analogous

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



0E43AA



7A2189



9C0059

Triad

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



7A2189



664500



005F72

Complementary

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



7A2189



308921

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.



005E3D



7A2189



375400

Square

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



7A2189



8A2A00



005B00



005E9D

Rectangle

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



7A2189



A00037



005B00



005F61

Sweetspot

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



7A2189



AD89B3



213189



564059



D9D9D9



595959

Same Dimension

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



7A2189



9B10B3



892165



443E45



710085



040005

Inverse Universe

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



892130



B31027



218945



453E3F



850013



050001

Previews

White Background



This preview shows how the Hex color 7A2189 looks on a white background.

Color Contrast Check

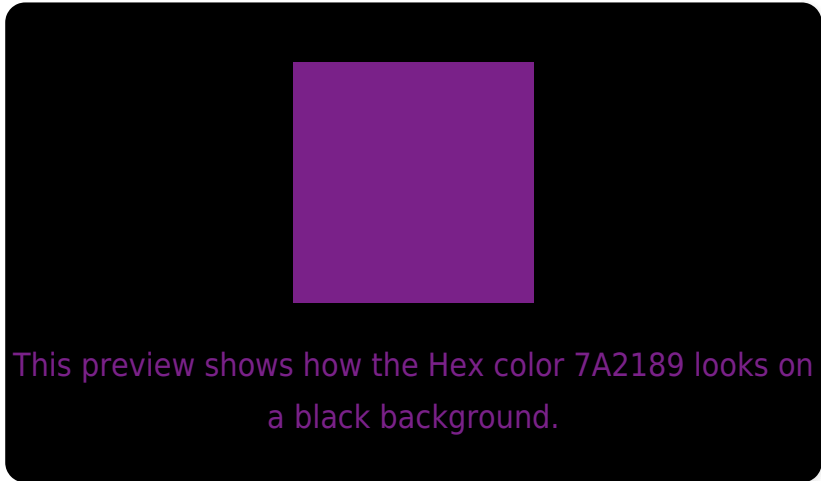
Large Text (above 18pt) WCAG AA ✓ Pass

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

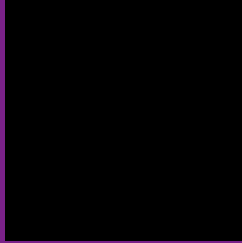
Any Text WCAG AA × Fail

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 7A2189 Background



This preview shows how black text looks on a background with the Hex color 7A2189.

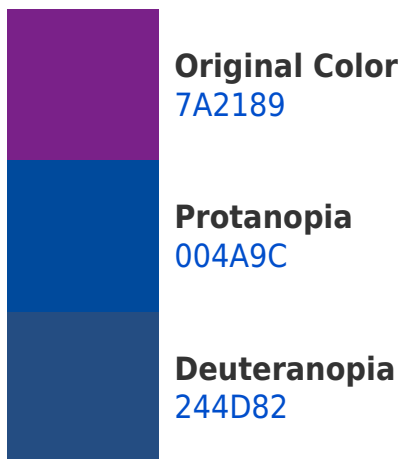


This preview shows how white text looks on a background with the Hex color 7A2189.

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
713C41

Trichromacy



Original Color

7A2189



Protanomaly

2C3B95



Deuteranomaly

433D85



Tritanomaly

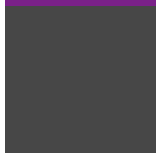
74325B

Monochromacy



Original Color

7A2189



Achromatopsia

474747



Achromatomaly

5A395F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2189 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 #7A2189 looks like.

```
.text, #text, p{  
    color:#7A2189  
}
```

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 #7A2189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2189
}
```

Border

The CSS property to change the border of an element to Hex 7A2189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

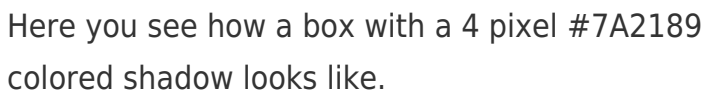
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2189 }
```

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

```
.border{ border-color:#7A2189 }
```

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



Here you see how a box with a 4 pixel #7A2189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2189; -webkit-box-shadow:4px 4px  
4px 4px #7A2189; box-shadow:4px 4px 4px  
4px #7A2189 }
```

Background

The CSS property to change the background color of an element to Hex 7A2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2189 }
```

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

```
.background{ background-color:#7A2189 }
```

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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