

Converting Colors

Hex(791CA7)

Have a look what the booklet for
Hex(791CA7) contains.

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Color

Hex(791CA7)

Conversions

Conversions Part 1

Format	Color
Hex	791CA7
RGB	121, 28, 167
RGB Percent	47%, 11%, 65%
CMY	0.5255, 0.8902, 0.3451
CMYK	0.28, 0.83, 0.00, 0.35
HSL	280°, 71%, 38%
HSV	280°, 83%, 65%
XYZ	15.2755, 7.6855, 37.2376
YIQ	71.6530, 10.8090, 62.9450

Conversions

Conversions Part 2

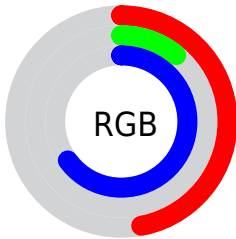
Format	Color
R_{YB}	121, 28, 167
Decimal	7937191
CIE _{Lab}	33.32, 59.26, -54.83
CIE _{LCh}	33, 80.737, 317.225
Yxy	7.6855, 0.2538, 0.1277
Android (android.graphics.Color)	4286127271 (0xFF791CA7)
YUV	71.6530, 47.0061, 43.2773
Hunter-Lab	27.7227, 49.8405, -60.2334

Details

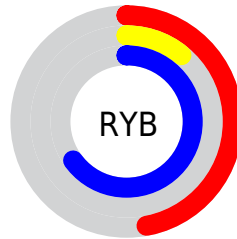
The Hex color **791CA7** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4AA71C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B256DF**, and **410072** is the 20% darker color. If you saturate the color by 10%, you get **730BA7**, and if you desaturate by 10%, it is **7F2DA7**.

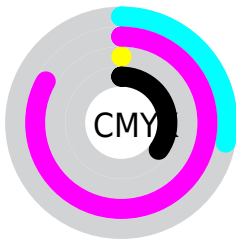
Distribution



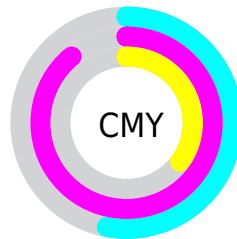
- Red (47%)
- Green (11%)
- Blue (65%)



- Red (47%)
- Yellow (11%)
- Blue (65%)



- Cyan (28%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (53%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 791CA7 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 791CA7 by changing the saturation by 10% instead.

791CA7

791CA7

FFFFFF

5D008C

B256DF

410072

CF71FC

260059

EC8CFF

000040

FFA8FF

000329

FFC4FF

000113

FFE1FF

000000

FFFEFF

791CA7

791CA7

730BA7

7F2DA7

7000A7

843DA7

8A4EA7

8F5FA7

956FA7

9A80A7

A091A7

A5A2A7

ABB2A7

Harmonies

Analogous

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



004BCC



791CA7



AD006D

Triad

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



791CA7



774200



006673

Complementary

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



791CA7



4AA71C

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.



00642F



791CA7



3D5700

Square

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



791CA7



A00B00



006000



0066AD

Rectangle

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



791CA7



B70043



006000



00665D

Sweetspot

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



791CA7



C7A3D9



1C4AA7



634D6E



EDEDED



6E6E6E

Same Dimension

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



791CA7



9100D9



A71C90



514C54



630094



0E0014

Inverse Universe

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



A71C4A



D90048



1CA733



544C4F



940031



140007

Previews

White Background



This preview shows how the Hex color 791CA7 looks on a white background.

Color Contrast Check

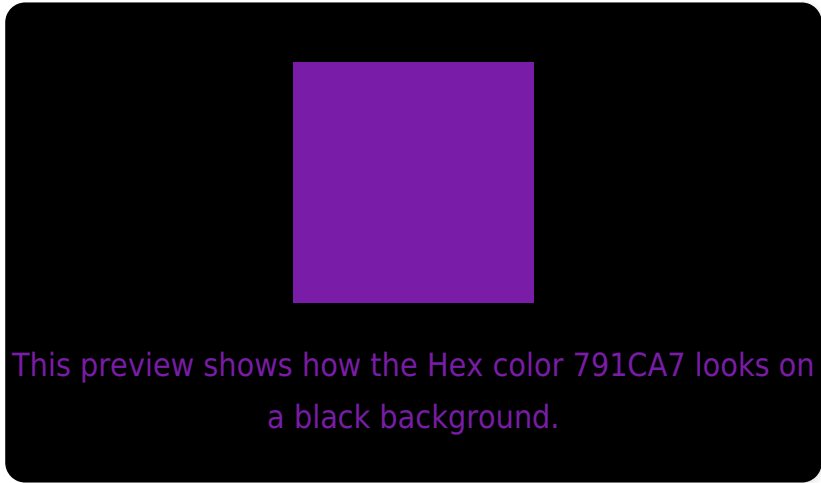
Large Text (above 18pt) WCAG AA ✓ Pass

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

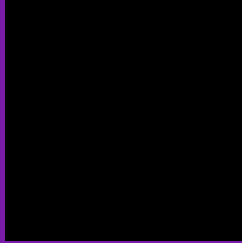
Any Text WCAG AA × Fail

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 791CA7 Background



This preview shows how black text looks on a background with the Hex color 791CA7.

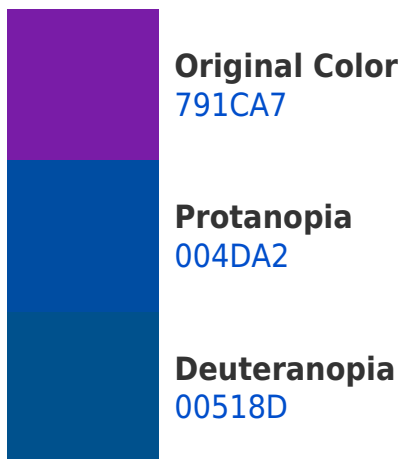



This preview shows how white text looks on a background with the Hex color 791CA7.

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
6A454A

Trichromacy



Original Color
791CA7



Protanomaly
2C3BA4



Deuteranomaly
2C3E96



Tritanomaly
6F366C

Monochromacy



Original Color
791CA7



Achromatopsia
484848



Achromatomaly
5A386B

CSS Examples

Text

The CSS property to change the color of the text to Hex 791CA7 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 #791CA7 looks like.

```
.text, #text, p{  
    color:#791CA7  
}
```

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 #791CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791CA7
}
```

Border

The CSS property to change the border of an element to Hex 791CA7 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
#791CA7 }
```

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

```
.border{ border-color:#791CA7 }
```

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

Here you see how a box with a 4 pixel #791CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791CA7; -webkit-box-shadow:4px 4px  
4px 4px #791CA7; box-shadow:4px 4px 4px  
4px #791CA7 }
```

Background

The CSS property to change the background color of an element to Hex 791CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791CA7 }
```

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

```
.background{ background-color:#791CA7 }
```

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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