

Converting Colors

Hex(7A29C6)

Have a look what the booklet for
Hex(7A29C6) contains.

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Color

Hex(7A29C6)

Conversions

Conversions Part 1

Format	Color
Hex	7A29C6
RGB	122, 41, 198
RGB Percent	48%, 16%, 78%
CMY	0.5216, 0.8392, 0.2235
CMYK	0.38, 0.79, 0.00, 0.22
HSL	271°, 66%, 47%
HSV	271°, 79%, 78%
XYZ	19.0120, 9.8007, 54.3158
YIQ	83.1170, -2.1210, 65.9990

Conversions

Conversions Part 2

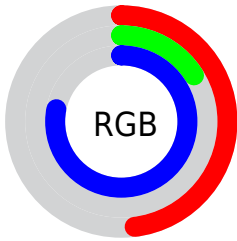
Format	Color
R_{YB}	122, 41, 198
Decimal	8006086
CIE _{Lab}	37.48, 61.89, -66.41
CIE _{LCh}	37, 90.775, 312.983
Yxy	9.8007, 0.2287, 0.1179
Android (android.graphics.Color)	4286196166 (0xFF7A29C6)
YUV	83.1170, 56.6373, 34.1004
Hunter-Lab	31.3060, 53.6168, -80.9536

Details

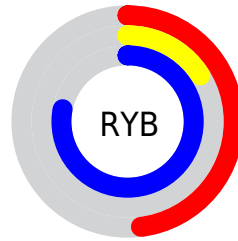
The Hex color **7A29C6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **75C629**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B460FF**, and **3F008F** is the 20% darker color. If you saturate the color by 10%, you get **7015C6**, and if you desaturate by 10%, it is **843DC6**.

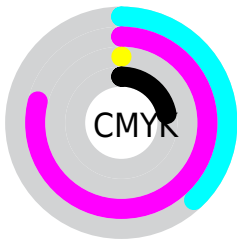
Distribution



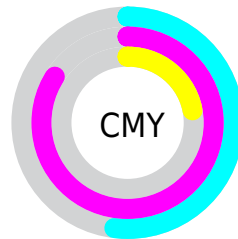
- Red (48%)
- Green (16%)
- Blue (78%)



- Red (48%)
- Yellow (16%)
- Blue (78%)



- Cyan (38%)
- Magenta (79%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A29C6 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 7A29C6 by changing the saturation by 10% instead.

7A29C6

7A29C6

FFFFFF

5D02AA

B460FF

3F008F

D27BFF

1C0074

F097FF

00005B

FFB3FF

000142

FFCFFF

00032B

FFECFF

000115

000000

7A29C6

7A29C6

 7015C6

 843DC6

 6701C6

 8D51C6

 6600C6

 9764C6

 A078C6

 AA8CC6

 B4A0C6

 BDB4C6

 C7C7C6

 D0DBC6

Harmonies

Analogous

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



0059EC



7A29C6



BF0085

Triad

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



7A29C6



8D4400



007378

Complementary

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



7A29C6



75C629

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.



007029



7A29C6



4F5F00

Square

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



7A29C6



BA0000



006C00



0073BD

Rectangle

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



7A29C6



CE0055



006C00



00725E

Sweetspot

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



7A29C6



E1C2FF



2978C6



6E5B80



000000



808080

Same Dimension

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



7A29C6



8A0DFF



C629C6



5F5A63



5400A3



120024

Inverse Universe

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



C62975



FF0D82



29C629



635A5E



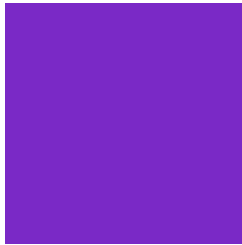
A3004F



240011

Previews

White Background



This preview shows how the Hex color 7A29C6 looks on a white background.

Color Contrast Check

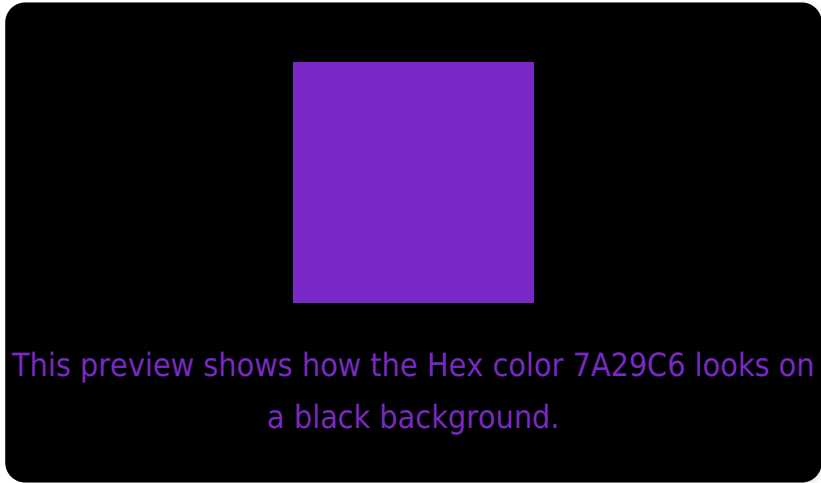
Large Text (above 18pt) WCAG AA ✓ Pass

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

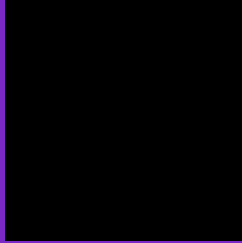
Any Text WCAG AA × Fail

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 7A29C6 Background



This preview shows how black text looks on a background with the Hex color 7A29C6.

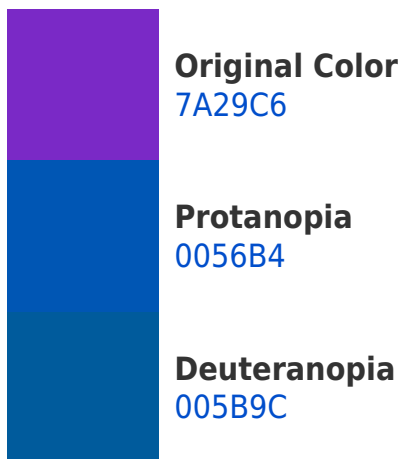


This preview shows how white text looks on a background with the Hex color 7A29C6.

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
64545B

Trichromacy



Original Color

7A29C6



Protanomaly

2C46BB



Deuteranomaly

2C49AB



Tritanomaly

6C4482

Monochromacy



Original Color

7A29C6



Achromatopsia

535353



Achromatomaly

61447D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A29C6 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 #7A29C6 looks like.

```
.text, #text, p{  
    color:#7A29C6  
}
```

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 #7A29C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A29C6
}
```

Border

The CSS property to change the border of an element to Hex 7A29C6 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
#7A29C6 }
```

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

```
.border{ border-color:#7A29C6 }
```

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

Here you see how a box with a 4 pixel #7A29C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A29C6; -webkit-box-shadow:4px 4px  
4px 4px #7A29C6; box-shadow:4px 4px 4px  
4px #7A29C6 }
```

Background

The CSS property to change the background color of an element to Hex 7A29C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A29C6 }
```

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

```
.background{ background-color:#7A29C6 }
```

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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