

Converting Colors

Hex(782A9F)

Have a look what the booklet for
Hex(782A9F) contains.

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Color

Hex(782A9F)

Conversions

Conversions Part 1

Format	Color
Hex	782A9F
RGB	120, 42, 159
RGB Percent	47%, 16%, 62%
CMY	0.5294, 0.8353, 0.3765
CMYK	0.25, 0.74, 0.00, 0.38
HSL	280°, 58%, 39%
HSV	280°, 74%, 62%
XYZ	14.8317, 8.1522, 33.5927
YIQ	78.6600, 8.9310, 52.9230

Conversions

Conversions Part 2

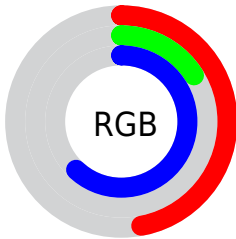
Format	Color
R_{YB}	120, 42, 159
Decimal	7875231
CIE _{Lab}	34.30, 52.39, -48.42
CIE _{LCh}	34, 71.337, 317.252
Yxy	8.1522, 0.2622, 0.1441
Android (android.graphics.Color)	4286065311 (0xFF782A9F)
YUV	78.6600, 39.6076, 36.2552
Hunter-Lab	28.5521, 42.7578, -49.7707

Details

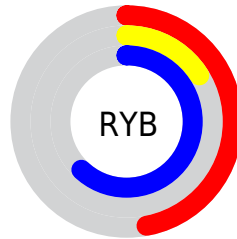
The Hex color **782A9F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **519F2A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B05FD6**, and **42006B** is the 20% darker color. If you saturate the color by 10%, you get **731A9F**, and if you desaturate by 10%, it is **7D3A9F**.

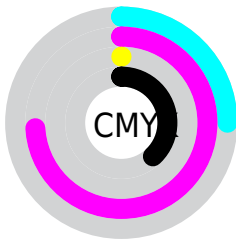
Distribution



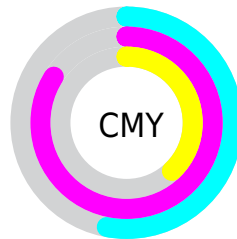
- Red (47%)
- Green (16%)
- Blue (62%)



- Red (47%)
- Yellow (16%)
- Blue (62%)



- Cyan (25%)
- Magenta (74%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782A9F 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 782A9F by changing the saturation by 10% instead.

782A9F

782A9F

FFFFFF

5D0984

B05FD6

42006B

CC79F3

270052

EA95FF

08003A

FFB0FF

000223

FFCCFF

00000A

FFE9FF

000000

782A9F

782A9F

731A9F

7D3A9F

6D0A9F

834A9F

6A009F

885A9F

8D6A9F

937A9F

98899F

9D999F

A2A99F

A8B99F

Harmonies

Analogous

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



004DBF



782A9F



A6006B

Triad

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



782A9F



774500



006771

Complementary

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



782A9F



519F2A

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.



006535



782A9F



455800

Square

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



782A9F



9C2200



006100



0066A4

Rectangle

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



782A9F



AF0046



006100



00675E

Sweetspot

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



782A9F



BFA1CF



2A519F



5F4D69



E8E8E8



696969

Same Dimension

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



782A9F



9219CF



9F2A8B



4C474F



5F008F



0A000F

Inverse Universe

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



9F2A51



CF1955



2A9F3D



4F474A



8F0030



0F0005

Previews

White Background



This preview shows how the Hex color 782A9F looks on a white background.

Color Contrast Check

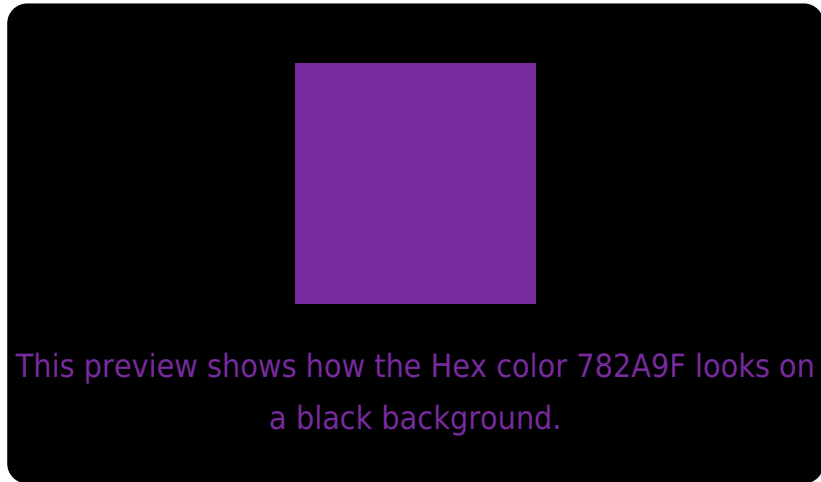
Large Text (above 18pt) WCAG AA ✓ Pass

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

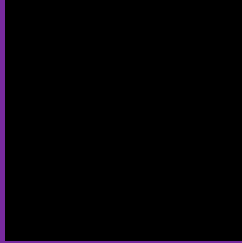
Any Text WCAG AA × Fail

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 782A9F Background



This preview shows how black text looks on a background with the Hex color 782A9F.

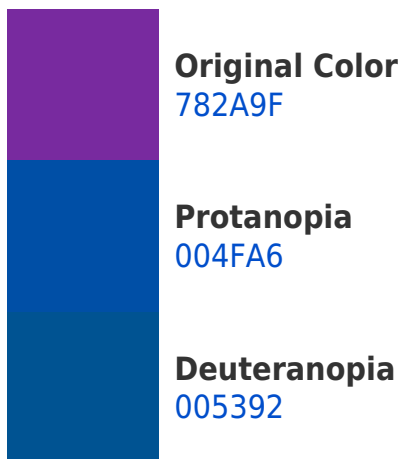



This preview shows how white text looks on a background with the Hex color 782A9F.

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
6B474D

Trichromacy



Original Color
782A9F



Protanomaly
2C42A3



Deuteranomaly
2C4497



Tritanomaly
703C6B

Monochromacy



Original Color
782A9F



Achromatopsia
4F4F4F



Achromatomaly
5E426C

CSS Examples

Text

The CSS property to change the color of the text to Hex 782A9F 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 #782A9F looks like.

```
.text, #text, p{  
    color:#782A9F  
}
```

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 #782A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782A9F
}
```

Border

The CSS property to change the border of an element to Hex 782A9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

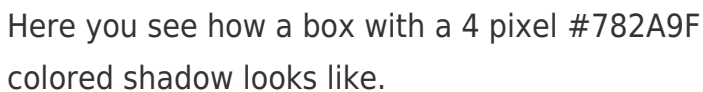
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782A9F }
```

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

```
.border{ border-color:#782A9F }
```

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



Here you see how a box with a 4 pixel #782A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782A9F; -webkit-box-shadow:4px 4px  
4px 4px #782A9F; box-shadow:4px 4px 4px  
4px #782A9F }
```

Background

The CSS property to change the background color of an element to Hex 782A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782A9F }
```

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

```
.background{ background-color:#782A9F }
```

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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