

Converting Colors

Hex(A72F9B)

Have a look what the booklet for
Hex(A72F9B) contains.

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Color

Hex(A72F9B)

Conversions

Conversions Part 1

Format	Color
Hex	A72F9B
RGB	167, 47, 155
RGB Percent	65%, 18%, 61%
CMY	0.3451, 0.8157, 0.3922
CMYK	0.00, 0.72, 0.07, 0.35
HSL	306°, 56%, 42%
HSV	306°, 72%, 65%
XYZ	22.8693, 12.6151, 32.2400
YIQ	95.1920, 36.8520, 59.0280

Conversions

Conversions Part 2

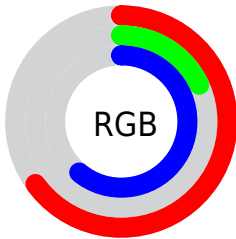
Format	Color
R_{YB}	167, 47, 155
Decimal	10956699
CIE Lab	42.18, 60.22, -33.00
CIE LCh	42, 68.669, 331.280
Yxy	12.6151, 0.3377, 0.1863
Android (android.graphics.Color)	4289146779 (0xFFA72F9B)
YUV	95.1920, 29.4853, 62.9756
Hunter-Lab	35.5177, 52.7772, -28.9560

Details

The Hex color **A72F9B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2FA73B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E168D2**, and **6F0067** is the 20% darker color. If you saturate the color by 10%, you get **A71E99**, and if you desaturate by 10%, it is **A7409D**.

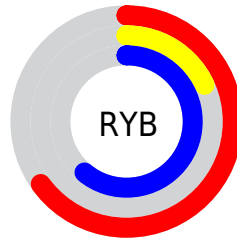
Distribution



Red (65%)

Green (18%)

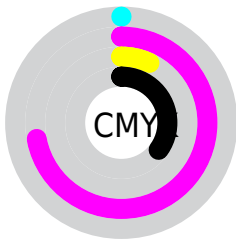
Blue (61%)



Red (65%)

Yellow (18%)

Blue (61%)

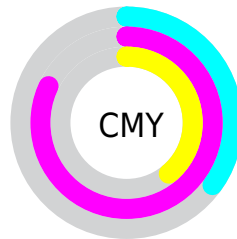


Cyan (0%)

Magenta (72%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (82%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color A72F9B 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 A72F9B by changing the saturation by 10% instead.

 A72F9B

 A72F9B

FFFFFF

 8B0581

 E168D2

 6F0067

 FF84EE

 54004F

 FFA0FF

 3B0038

 FFBCFF

 1F0021

 FFD9FF

 000006

 FFF7FF

 000000

 A72F9B

 A72F9B

 A71E99

 A7409D

 A70E98

 A7509E

 A70096

 A761A0

 A772A2

 A783A3

 A793A5

 A7A4A7

 A7B5A8

 A7C5AA

Harmonies

Analogous

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



5E53C6



A72F9B



C30764

Triad

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



A72F9B



776200



007B9D

Complementary

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



A72F9B



2FA73B

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.



007B64



A72F9B



3D7100

Square

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



A72F9B



A34A00



007828



0077C7

Rectangle

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



A72F9B



C3183F



007828



007B8B

Sweetspot

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



A72F9B



D9A9D4



3B2FA7



6E516B



EDEDED



6E6E6E

Same Dimension

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



A72F9B



D91EC6



A72F5F



544C53



940085



140012

Inverse Universe

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



A72F9B



D91EC6



2FA777



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color A72F9B looks on a white background.

Color Contrast Check

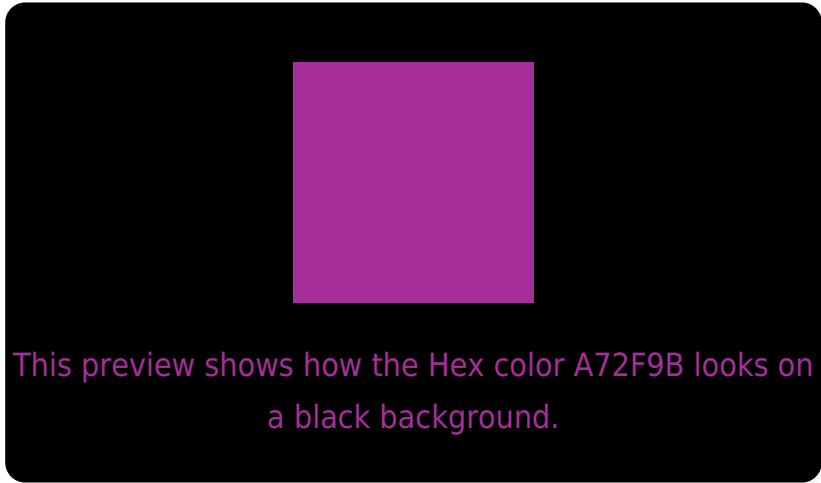
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

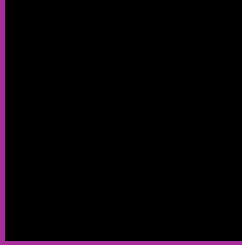
Any Text WCAG AA × Fail

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 A72F9B Background



This preview shows how black text looks on a background with the Hex color A72F9B.

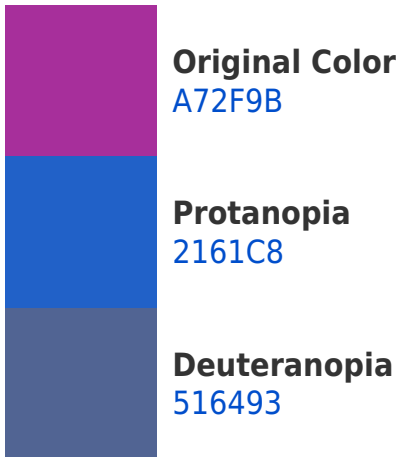



This preview shows how white text looks on a background with the Hex color A72F9B.

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](#).

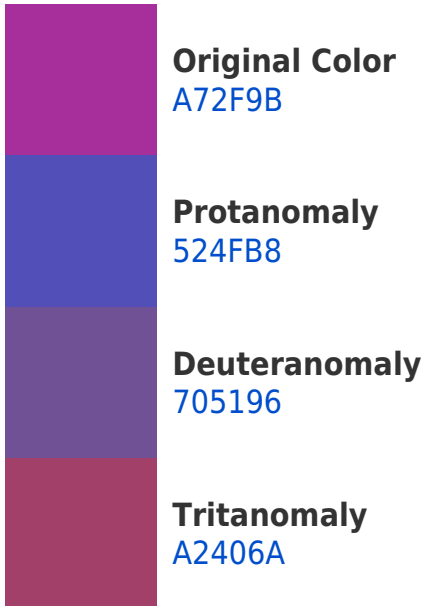
Dichromacy



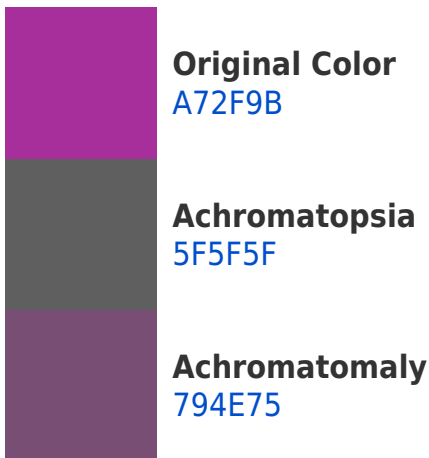


Tritanopia
9F494E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A72F9B 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 #A72F9B looks like.

```
.text, #text, p{  
    color:#A72F9B  
}
```

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 #A72F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72F9B
}
```

Border

The CSS property to change the border of an element to Hex A72F9B 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
#A72F9B }
```

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

```
.border{ border-color:#A72F9B }
```

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

Here you see how a box with a 4 pixel #A72F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72F9B; -webkit-box-shadow:4px 4px  
4px 4px #A72F9B; box-shadow:4px 4px 4px  
4px #A72F9B }
```

Background

The CSS property to change the background color of an element to Hex A72F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72F9B }
```

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

```
.background{ background-color:#A72F9B }
```

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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