

Converting Colors

Hex(8742A6)

Have a look what the booklet for
Hex(8742A6) contains.

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Color

Hex(8742A6)

Conversions

Conversions Part 1

Format	Color
Hex	8742A6
RGB	135, 66, 166
RGB Percent	53%, 26%, 65%
CMY	0.4706, 0.7412, 0.3490
CMYK	0.19, 0.60, 0.00, 0.35
HSL	281°, 43%, 45%
HSV	281°, 60%, 65%
XYZ	18.8228, 11.8005, 37.3620
YIQ	98.0310, 9.0240, 45.7280

Conversions

Conversions Part 2

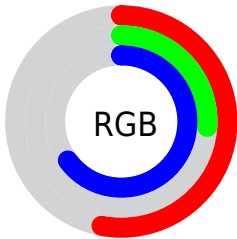
Format	Color
RYB	135, 66, 166
Decimal	8864422
CIELab	40.90, 46.20, -41.92
CIELCh	41, 62.380, 317.778
Yxy	11.8005, 0.2769, 0.1736
Android (android.graphics.Color)	4287054502 (0xFF8742A6)
YUV	98.0310, 33.5087, 32.4218
Hunter-Lab	34.3519, 37.6919, -40.4392

Details

The Hex color **8742A6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **61A642**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BF76DE**, and **520B71** is the 20% darker color. If you saturate the color by 10%, you get **8231A6**, and if you desaturate by 10%, it is **8C53A6**.

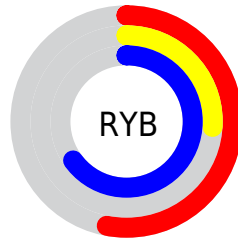
Distribution



Red (53%)

Green (26%)

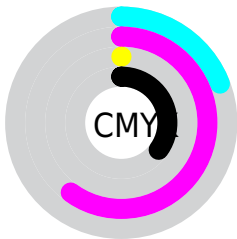
Blue (65%)



Red (53%)

Yellow (26%)

Blue (65%)

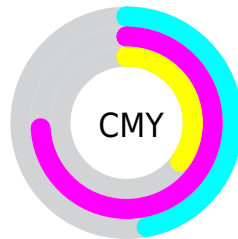


Cyan (19%)

Magenta (60%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (74%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8742A6 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 8742A6 by changing the saturation by 10% instead.

 8742A6

 8742A6

FFFFFF

 6C288B

 BF76DE

 520B71

 DB90FA

 380058

 F9ABFF

 220041

 FFC7FF

 000029

 FFE4FF

 000113

 000000

 8742A6

 8742A6

 8231A6

 8C53A6

 7D21A6

 9163A6

 7810A6

 9674A6

 7300A6

 9C84A6

 A195A6

 A6A6A6

 ABB6A6

 B0C7A6

 B5D7A6

Harmonies

Analogous

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



175CC3



8742A6



B02478

Triad

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



8742A6



875700



00777E

Complementary

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



8742A6



61A642

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.



007549



8742A6



596700

Square

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



8742A6



A83E12



03710F



0075AC

Rectangle

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



8742A6



B91D55



03710F



00766D

Sweetspot

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



8742A6



CDB2D9



4262A6



66566E



EDEDED



6E6E6E

Same Dimension

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



8742A6



A83DD9



A64294



524C54



660094



0E0014

Inverse Universe

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



A64261



D93D6D



42A654



544C4E



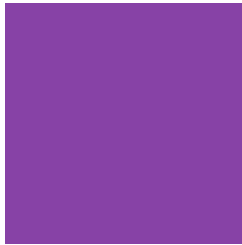
94002E



140006

Previews

White Background



This preview shows how the Hex color 8742A6 looks on a white background.

Color Contrast Check

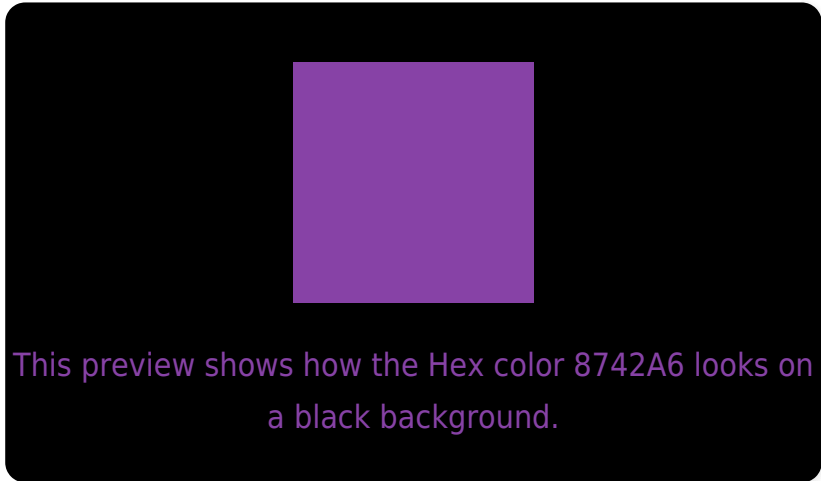
Large Text (above 18pt) WCAG AA ✓ Pass

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

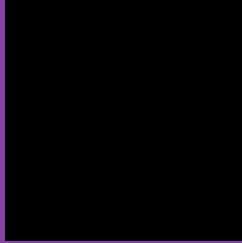
Any Text WCAG AA × Fail

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 8742A6 Background



This preview shows how black text looks on a background with the Hex color 8742A6.

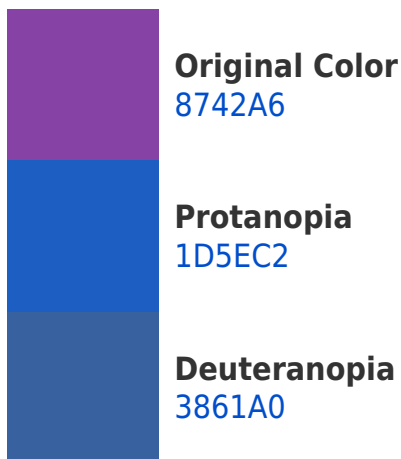


This preview shows how white text looks on a background with the Hex color 8742A6.

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
7C575D

Trichromacy



Original Color
8742A6



Protanomaly
4454B8



Deuteranomaly
5556A2



Tritanomaly
804F78

Monochromacy



Original Color
8742A6



Achromatopsia
626262



Achromatomaly
6F567B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8742A6 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 #8742A6 looks like.

```
.text, #text, p{  
    color:#8742A6  
}
```

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 #8742A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8742A6
}
```

Border

The CSS property to change the border of an element to Hex 8742A6 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
#8742A6 }
```

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

```
.border{ border-color:#8742A6 }
```

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

Here you see how a box with a 4 pixel #8742A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8742A6; -webkit-box-shadow:4px 4px  
4px 4px #8742A6; box-shadow:4px 4px 4px  
4px #8742A6 }
```

Background

The CSS property to change the background color of an element to Hex 8742A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8742A6 }
```

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

```
.background{ background-color:#8742A6 }
```

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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