

Converting Colors

Hex(8C71A7)

Have a look what the booklet for
Hex(8C71A7) contains.

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Color

Hex(8C71A7)

Conversions

Conversions Part 1

Format	Color
Hex	8C71A7
RGB	140, 113, 167
RGB Percent	55%, 44%, 65%
CMY	0.4510, 0.5569, 0.3451
CMYK	0.16, 0.32, 0.00, 0.35
HSL	270°, 23%, 55%
HSV	270°, 32%, 65%
XYZ	23.6954, 20.1757, 39.2046
YIQ	127.2290, -1.2420, 22.5180

Conversions

Conversions Part 2

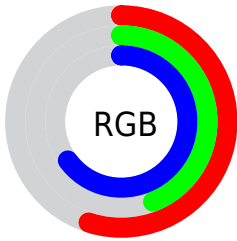
Format	Color
RYB	140, 113, 167
Decimal	9204135
CIELab	52.04, 21.43, -24.98
CIElCh	52, 32.915, 310.625
Yxy	20.1757, 0.2852, 0.2429
Android (android.graphics.Color)	4287394215 (0xFF8C71A7)
YUV	127.2290, 19.6071, 11.2002
Hunter-Lab	44.9174, 15.5591, -20.3071

Details

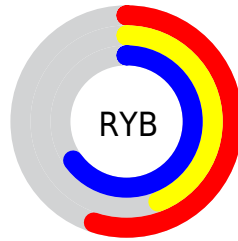
The Hex color **8C71A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8CA771**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C2A5DE**, and **594173** is the 20% darker color. If you saturate the color by 10%, you get **8460A7**, and if you desaturate by 10%, it is **9482A7**.

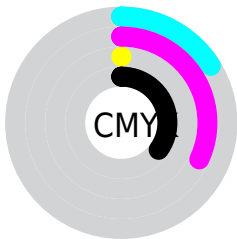
Distribution



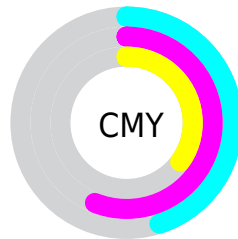
- Red (55%)
- Green (44%)
- Blue (65%)



- Red (55%)
- Yellow (44%)
- Blue (65%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C71A7 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 8C71A7 by changing the saturation by 10% instead.

8C71A7

8C71A7

FFFFFF

72588C

C2A5DE

594173

DEC0FB

412A5A

FBDCFF

291542

FFF9FF

17002C

000117

000000

8C71A7

8C71A7

8460A7

9482A7

 7B50A7

 9D92A7

 733FA7

 A5A3A7

 6B2EA7

 ADB4A7

 621DA7

 B6C4A7

 5A0DA7

 BED5A7

 5300A7

 C6E6A7

 CFF7A7

 D7FFA7

Harmonies

Analogous

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



627CB3



8C71A7



A7688F

Triad

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



8C71A7



9E7447



008B86

Complementary

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



8C71A7



8CA771

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.



418A68



8C71A7



847E44

Square

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



8C71A7



AE6B59



658550



0089A0

Rectangle

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



8C71A7



B0667D



658550



208B7C

Sweetspot

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



8C71A7



CEC3D9



718CA7



67606E



EDEDED



6E6E6E

Same Dimension

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



8C71A7



AE84D9



A771A7



504C54



4A0094



0A0014

Inverse Universe

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



A7718C



D984AE



71A771



544C50



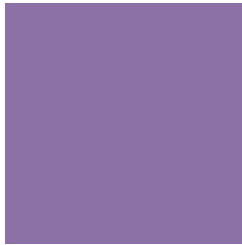
94004A



14000A

Previews

White Background



This preview shows how the Hex color 8C71A7 looks on a white background.

Color Contrast Check

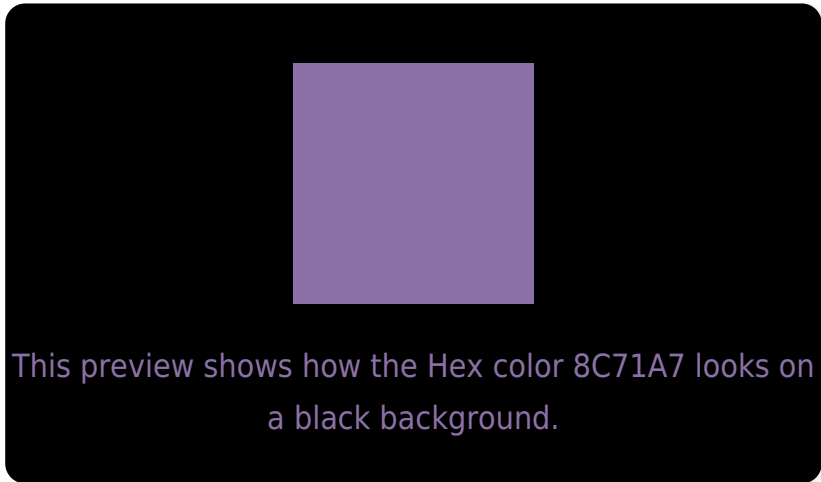
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

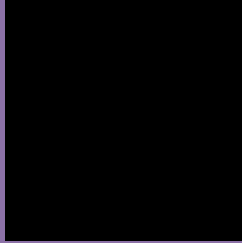
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8C71A7 Background



This preview shows how black text looks on a background with the Hex color 8C71A7.



This preview shows how white text looks on a background with the Hex color 8C71A7.

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



Original Color
8C71A7

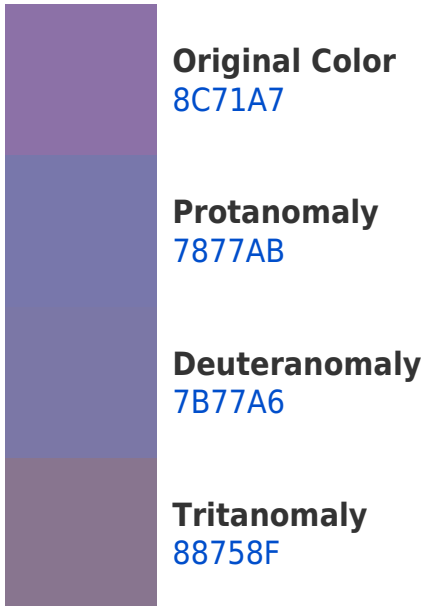
Protanopia
6C7AAE

Deuteranopia
727AA5

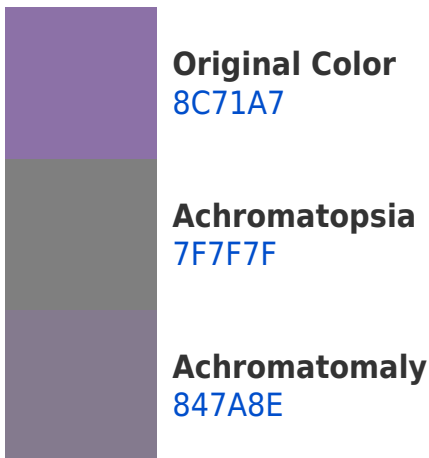


Tritanopia
867882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C71A7 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 #8C71A7 looks like.

```
.text, #text, p{  
    color:#8C71A7  
}
```

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 #8C71A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C71A7
}
```

Border

The CSS property to change the border of an element to Hex 8C71A7 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
#8C71A7 }
```

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

```
.border{ border-color:#8C71A7 }
```

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

Here you see how a box with a 4 pixel #8C71A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C71A7; -webkit-box-shadow:4px 4px  
4px 4px #8C71A7; box-shadow:4px 4px 4px  
4px #8C71A7 }
```

Background

The CSS property to change the background color of an element to Hex 8C71A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C71A7 }
```

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

```
.background{ background-color:#8C71A7 }
```

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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