

Converting Colors

Hex(8271BA)

Have a look what the booklet for
Hex(8271BA) contains.

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Color

Hex(8271BA)

Conversions

Conversions Part 1

Format	Color
Hex	8271BA
RGB	130, 113, 186
RGB Percent	51%, 44%, 73%
CMY	0.4902, 0.5569, 0.2706
CMYK	0.30, 0.39, 0.00, 0.27
HSL	254°, 35%, 59%
HSV	254°, 39%, 73%
XYZ	23.9740, 20.1013, 49.0707
YIQ	126.4050, -13.3010, 26.3070

Conversions

Conversions Part 2

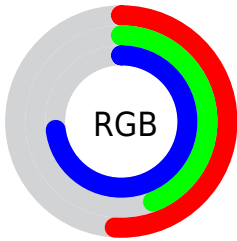
Format	Color
R_{YB}	130, 113, 186
Decimal	8548794
CIE _{Lab}	51.95, 23.02, -36.18
CIE _{LCh}	52, 42.884, 302.468
Yxy	20.1013, 0.2574, 0.2158
Android (android.graphics.Color)	4286738874 (0xFF8271BA)
YUV	126.4050, 29.3803, 3.1528
Hunter-Lab	44.8344, 16.9877, -33.5081

Details

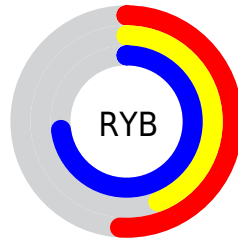
The Hex color **8271BA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9BA71**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B9A5F2**, and **4E4184** is the 20% darker color. If you saturate the color by 10%, you get **745EBA**, and if you desaturate by 10%, it is **9084BA**.

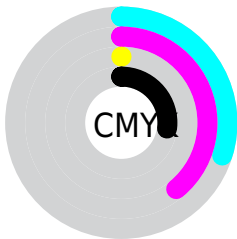
Distribution



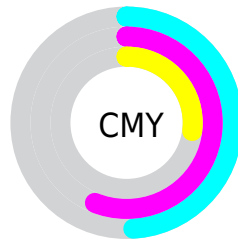
- Red (51%)
- Green (44%)
- Blue (73%)



- Red (51%)
- Yellow (44%)
- Blue (73%)



- Cyan (30%)
- Magenta (39%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (56%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8271BA 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 8271BA by changing the saturation by 10% instead.

■ 8271BA

■ 8271BA

FFFFFF

■ 68589F

■ B9A5F2

■ 4E4184

■ D5C0FF

■ 352B6B

■ F2DCFF

■ 1A1652

■ FFF9FF

■ 03003B

■ 000224

■ 00000C

■ 000000

■ 8271BA

■ 8271BA

745EBA

9084BA

654CBA

9F96BA

5739BA

ADA9BA

4927BA

BBBBBA

3B14BA

C9CEBA

2C01BA

D8E1BA

2B00BA

E6F3BA

F4FFBA

FFFFBA

Harmonies

Analogous

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



3B7FC5



8271BA



AB639E

Triad

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



8271BA



AC6E3B



008E7E

Complementary

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



8271BA



A9BA71

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.



368C58



8271BA



8E7B2F

Square

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



8271BA



BE6156



68853B



008DA2

Rectangle

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



8271BA



BB5D87



68853B



008E71

Sweetspot

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



8271BA



DCD5F2



71AABA



6D697A



FAFAFA



7A7A7A

Same Dimension

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



8271BA



9B80F2



A571BA



55535C



24009C



07001C

Inverse Universe

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



BA71A9



F280D8



86BA71



5C535A



9C0077



1C0016

Previews

White Background



This preview shows how the Hex color 8271BA looks on a white background.

Color Contrast Check

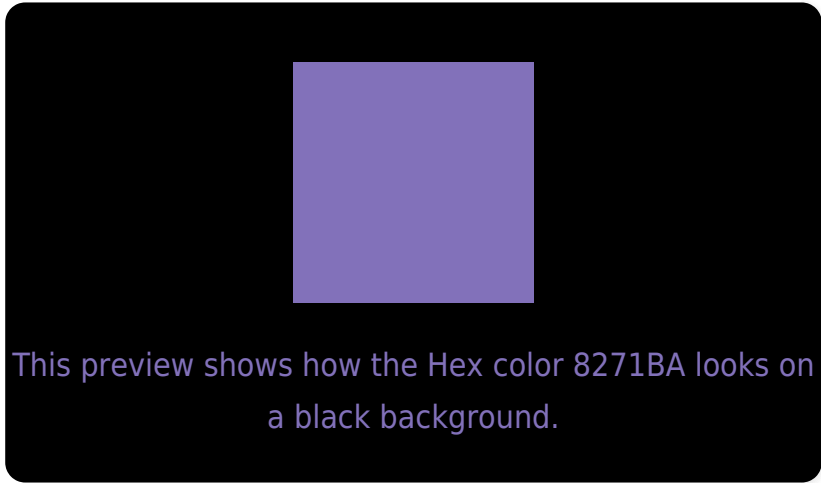
Large Text (above 18pt) WCAG AA ✓ Pass

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 8271BA Background



This preview shows how black text looks on a background with the Hex color 8271BA.

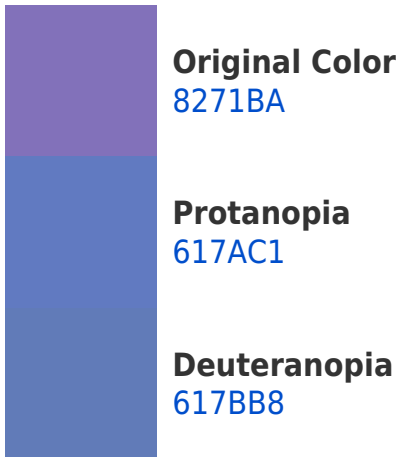



This preview shows how white text looks on a background with the Hex color 8271BA.

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](#).

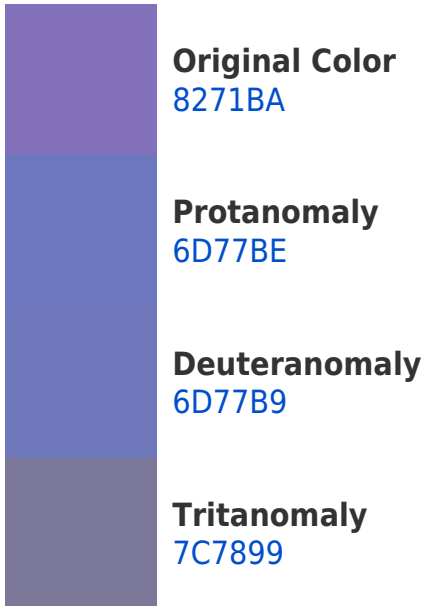
Dichromacy





Tritanopia
787C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8271BA 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 #8271BA looks like.

```
.text, #text, p{  
    color:#8271BA  
}
```

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 #8271BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8271BA
}
```

Border

The CSS property to change the border of an element to Hex 8271BA 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
#8271BA }
```

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

```
.border{ border-color:#8271BA }
```

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

Here you see how a box with a 4 pixel #8271BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8271BA; -webkit-box-shadow:4px 4px  
4px 4px #8271BA; box-shadow:4px 4px 4px  
4px #8271BA }
```

Background

The CSS property to change the background color of an element to Hex 8271BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8271BA }
```

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

```
.background{ background-color:#8271BA }
```

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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