

Converting Colors

Hex(8A71C4)

Have a look what the booklet for
Hex(8A71C4) contains.

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Color

Hex(8A71C4)

Conversions

Conversions Part 1

Format	Color
Hex	8A71C4
RGB	138, 113, 196
RGB Percent	54%, 44%, 77%
CMY	0.4588, 0.5569, 0.2314
CMYK	0.30, 0.42, 0.00, 0.23
HSL	258°, 41%, 61%
HSV	258°, 42%, 77%
XYZ	26.3502, 21.1991, 54.9276
YIQ	129.9370, -11.7430, 31.1130

Conversions

Conversions Part 2

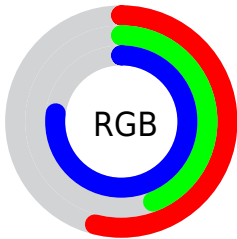
Format	Color
RYB	138, 113, 196
Decimal	9073092
CIELab	53.17, 27.89, -39.96
CIELCh	53, 48.731, 304.917
Yxy	21.1991, 0.2571, 0.2069
Android (android.graphics.Color)	4287263172 (0xFF8A71C4)
YUV	129.9370, 32.5691, 7.0713
Hunter-Lab	46.0424, 21.5816, -38.5019

Details

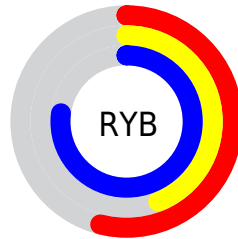
The Hex color **8A71C4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ABC471**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C1A5FD**, and **55418E** is the 20% darker color. If you saturate the color by 10%, you get **7C5DC4**, and if you desaturate by 10%, it is **9885C4**.

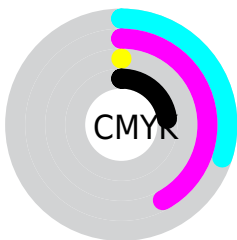
Distribution



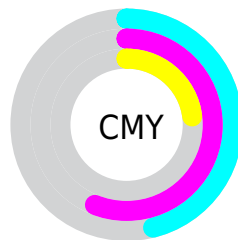
- Red (54%)
- Green (44%)
- Blue (77%)



- Red (54%)
- Yellow (44%)
- Blue (77%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)
- Black (23%)



- Cyan (46%)
- Magenta (56%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A71C4 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 8A71C4 by changing the saturation by 10% instead.



8A71C4



8A71C4

FFFFFF



6F58A9



C1A5FD



55418E



DEC0FF



3B2A74



FBDCFF



21155B



FFF9FF



050043



00032C



000116



000000



8A71C4



8A71C4

7C5DC4

9885C4

6F4AC4

A598C4

6136C4

B3ACC4

5323C4

C1BFC4

460FC4

CED3C4

3B00C4

DCE7C4

EAFAC4

F8FFC4

FFFFC4

Harmonies

Analogous

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



3481D3



8A71C4



B760A3

Triad

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



8A71C4



B27032



009385

Complementary

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



8A71C4



ABC471

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.



1E915A



8A71C4



8F7F25

Square

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



8A71C4



C86051



648A36



0092AE

Rectangle

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



8A71C4



C75A88



648A36



009376

Sweetspot

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



8A71C4



E8DEFF



71ABC4



716B80



000000



808080

Same Dimension

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



8A71C4



A47DFF



B371C4



5A5761



3000A1



0A0021

Inverse Universe

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



C471AB



FF7DD8



82C471



61575E



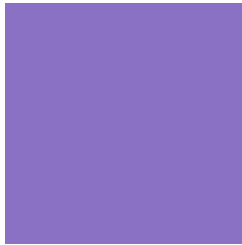
A10070



210017

Previews

White Background



This preview shows how the Hex color 8A71C4 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

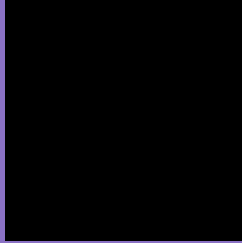
Any Text WCAG AA ✓ Pass

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 8A71C4 Background



This preview shows how black text looks on a background with the Hex color 8A71C4.

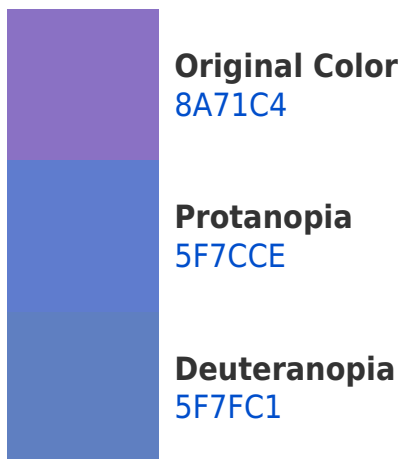


This preview shows how white text looks on a background with the Hex color 8A71C4.

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](#).

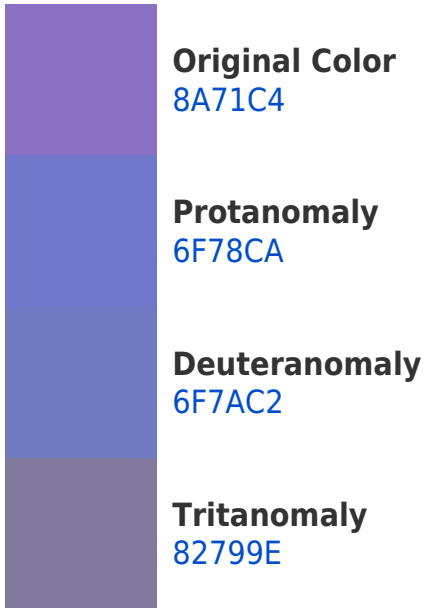
Dichromacy



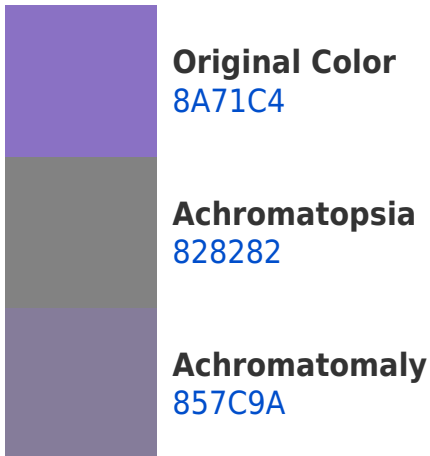


Tritanopia
7E7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A71C4 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 #8A71C4 looks like.

```
.text, #text, p{  
    color:#8A71C4  
}
```

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 #8A71C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A71C4
}
```

Border

The CSS property to change the border of an element to Hex 8A71C4 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
#8A71C4 }
```

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

```
.border{ border-color:#8A71C4 }
```

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

Here you see how a box with a 4 pixel #8A71C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A71C4; -webkit-box-shadow:4px 4px  
4px 4px #8A71C4; box-shadow:4px 4px 4px  
4px #8A71C4 }
```

Background

The CSS property to change the background color of an element to Hex 8A71C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A71C4 }
```

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

```
.background{ background-color:#8A71C4 }
```

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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