

Converting Colors

Hex(814CA7)

Have a look what the booklet for
Hex(814CA7) contains.

Hex(814CA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(814CA7)

Conversions

Conversions Part 1

Format	Color
Hex	814CA7
RGB	129, 76, 167
RGB Percent	51%, 30%, 65%
CMY	0.4941, 0.7020, 0.3451
CMYK	0.23, 0.54, 0.00, 0.35
HSL	275°, 37%, 48%
HSV	275°, 54%, 65%
XYZ	18.6128, 12.6260, 38.0153
YIQ	102.2210, 2.3770, 39.5370

Conversions

Conversions Part 2

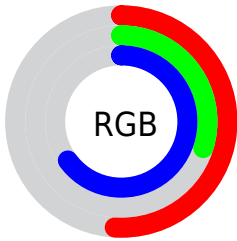
Format	Color
R _{YB}	129, 76, 167
Decimal	8473767
CIE _{Lab}	42.19, 39.52, -40.50
CIE _{LCh}	42, 56.581, 314.299
Yxy	12.6260, 0.2688, 0.1823
Android (android.graphics.Color)	4286663847 (0xFF814CA7)
YUV	102.2210, 31.9360, 23.4852
Hunter-Lab	35.5331, 31.3179, -38.5585

Details

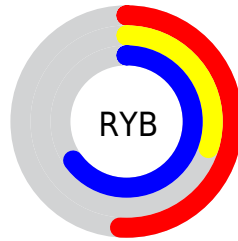
The Hex color **814CA7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **72A74C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B87FDF**, and **4C1B72** is the 20% darker color. If you saturate the color by 10%, you get **7A3BA7**, and if you desaturate by 10%, it is **885DA7**.

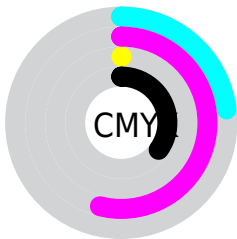
Distribution



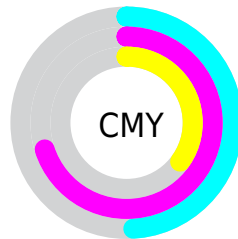
- Red (51%)
- Green (30%)
- Blue (65%)



- Red (51%)
- Yellow (30%)
- Blue (65%)



- Cyan (23%)
- Magenta (54%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 814CA7 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 814CA7 by changing the saturation by 10% instead.

814CA7

814CA7

FFFFFF

66348C

B87FDF

4C1B72

D499FB

330159

F1B5FF

1C0041

FFD1FF

00002A

FFEDFF

000114

000000

814CA7

814CA7

7A3BA7

885DA7

732BA7

8F6DA7

6C1AA7

967EA7

6509A7

9D8FA7

6100A7

A49FA7

ABB0A7

B2C1A7

B9D2A7

C0E2A7

Harmonies

Analogous

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



1962BF



814CA7



AA357E

Triad

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



814CA7



8C5800



007979

Complementary

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



814CA7



72A74C

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.



007749



814CA7



646800

Square

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



814CA7



AA4323



2B7218



0077A4

Rectangle

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



814CA7



B52F5F



2B7218



007869

Sweetspot

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



814CA7



CAB6D9



4C73A7



65596E



EDEDED



6E6E6E

Same Dimension

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



814CA7



9E4CD9



A74CA1



514C54



560094



0C0014

Inverse Universe

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



A74C72



D94C87



4CA752



544C4F



94003E



140009

Previews

White Background



This preview shows how the Hex color 814CA7 looks on a white background.

Color Contrast Check

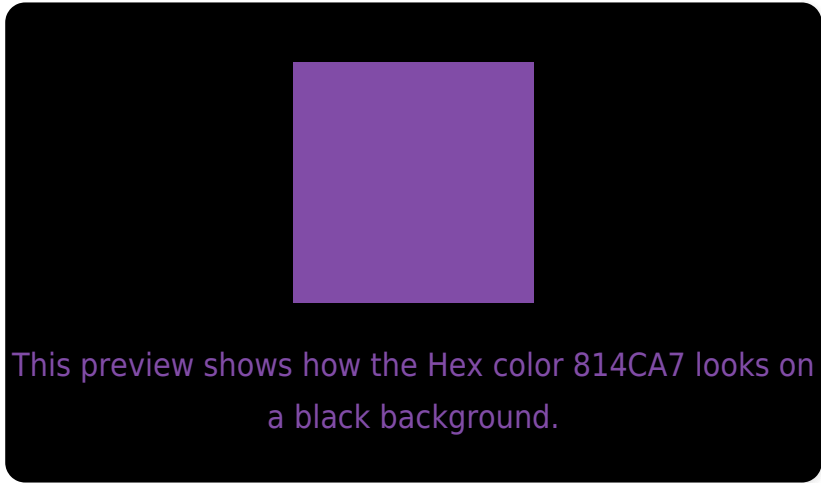
Large Text (above 18pt) WCAG AA ✓ Pass

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

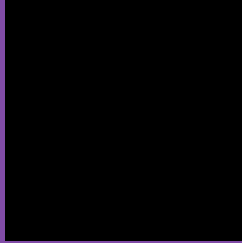
Any Text WCAG AA × Fail

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 814CA7 Background



This preview shows how black text looks on a background with the Hex color 814CA7.

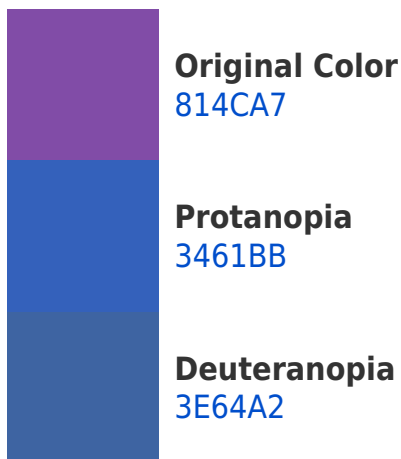



This preview shows how white text looks on a background with the Hex color 814CA7.

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
765D64

Trichromacy



Original Color
814CA7



Protanomaly
5059B4



Deuteranomaly
565BA4



Tritanomaly
7A577C

Monochromacy



Original Color
814CA7



Achromatopsia
666666



Achromatomaly
705D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 814CA7 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 #814CA7 looks like.

```
.text, #text, p{  
    color:#814CA7  
}
```

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 #814CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814CA7
}
```

Border

The CSS property to change the border of an element to Hex 814CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

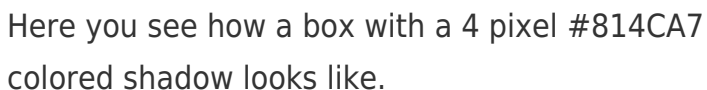
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814CA7 }
```

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

```
.border{ border-color:#814CA7 }
```

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



Here you see how a box with a 4 pixel #814CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814CA7; -webkit-box-shadow:4px 4px  
4px 4px #814CA7; box-shadow:4px 4px 4px  
4px #814CA7 }
```

Background

The CSS property to change the background color of an element to Hex 814CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814CA7 }
```

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

```
.background{ background-color:#814CA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor