

Converting Colors

Hex(817CA5)

Have a look what the booklet for
Hex(817CA5) contains.

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Color

Hex(817CA5)

Conversions

Conversions Part 1

Format	Color
Hex	817CA5
RGB	129, 124, 165
RGB Percent	51%, 49%, 65%
CMY	0.4941, 0.5137, 0.3529
CMYK	0.22, 0.25, 0.00, 0.35
HSL	247°, 19%, 57%
HSV	247°, 25%, 65%
XYZ	23.0524, 21.7990, 38.5900
YIQ	130.1690, -10.1810, 13.8110

Conversions

Conversions Part 2

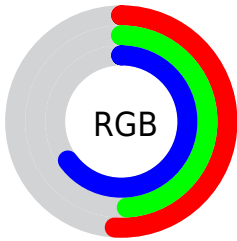
Format	Color
R _Y B	129, 124, 165
Decimal	8486053
CIE Lab	53.81, 10.90, -21.17
CIE LCh	54, 23.808, 297.235
Yxy	21.7990, 0.2763, 0.2612
Android (android.graphics.Color)	4286676133 (0xFF817CA5)
YUV	130.1690, 17.1717, -1.0252
Hunter-Lab	46.6894, 6.4260, -16.3220

Details

The Hex color **817CA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0A57C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B6B0DC**, and **4F4B71** is the 20% darker color. If you saturate the color by 10%, you get **736BA5**, and if you desaturate by 10%, it is **8F8CA5**.

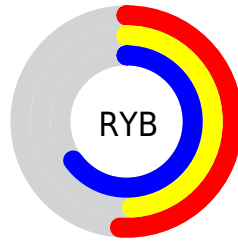
Distribution



Red (51%)

Green (49%)

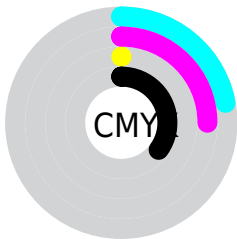
Blue (65%)



Red (51%)

Yellow (49%)

Blue (65%)

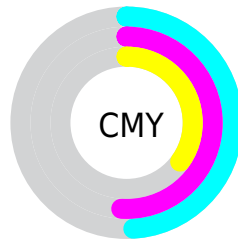


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 817CA5 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 817CA5 by changing the saturation by 10% instead.



817CA5



817CA5

FFFFFF



68638B



B6B0DC



4F4B71



D2CCF9



373558



EFE8FF



201F41



0C082B



000116



000000



817CA5



817CA5



736BA5



8F8CA5

645BA5

9E9DA5

564AA5

ACADA5

473AA5

BBBEA5

392AA5

C9CEA5

2A19A5

D8DFA5

1C08A5

E6EFA5

1400A5

F5FFA5

FFFFA5

Harmonies

Analogous

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



6383A9



817CA5



997597

Triad

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



817CA5



A1785F



4D8C7E

Complementary

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



817CA5



A0A57C

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.



648A6A



817CA5



917F58

Square

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



817CA5



A9736F



7B855C



408C93

Rectangle

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



817CA5



A4728A



7B855C



548B77

Sweetspot

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



817CA5



C9C7D6



7CA0A5



64636B



EBEBEB



6B6B6B

Same Dimension

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



817CA5



9E96D6



957CA5



4A4952



120091



020012

Inverse Universe

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



A57CA0



D696CE



8CA57C



524951



910080



120010

Previews

White Background



This preview shows how the Hex color 817CA5 looks on a white background.

Color Contrast Check

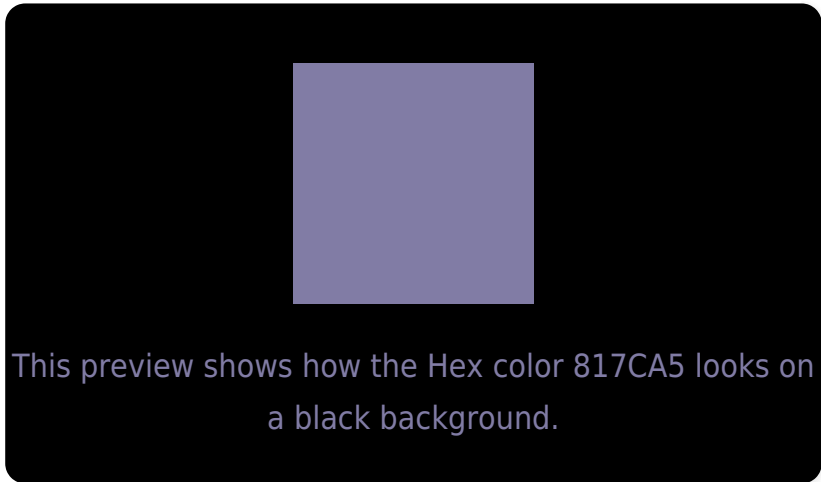
Large Text (above 18pt) WCAG AA ✓ Pass

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

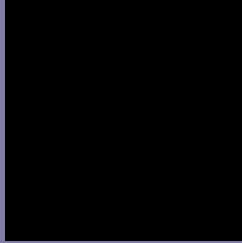
Any Text WCAG AA ✓ Pass

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 817CA5 Background



This preview shows how black text looks on a background with the Hex color 817CA5.



This preview shows how white text looks on a background with the Hex color 817CA5.

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
817CA5

Protanopia
767FA7

Deuteranopia
7A7EA5



Tritanopia
7C818B

Trichromacy



Original Color
817CA5

Protanomaly
7A7EA6

Deuteranomaly
7D7DA5

Tritanomaly
7E7F94

Monochromacy



Original Color
817CA5

Achromatopsia
828282

Achromatomaly
82808F

CSS Examples

Text

The CSS property to change the color of the text to Hex 817CA5 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 #817CA5 looks like.

```
.text, #text, p{  
    color:#817CA5  
}
```

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 #817CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817CA5
}
```

Border

The CSS property to change the border of an element to Hex 817CA5 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
#817CA5 }
```

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

```
.border{ border-color:#817CA5 }
```

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

Here you see how a box with a 4 pixel #817CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817CA5; -webkit-box-shadow:4px 4px  
4px 4px #817CA5; box-shadow:4px 4px 4px  
4px #817CA5 }
```

Background

The CSS property to change the background color of an element to Hex 817CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817CA5 }
```

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

```
.background{ background-color:#817CA5 }
```

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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