

Converting Colors

Hex(815EAC)

Have a look what the booklet for
Hex(815EAC) contains.

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Color

Hex(815EAC)

Conversions

Conversions Part 1

Format	Color
Hex	815EAC
RGB	129, 94, 172
RGB Percent	51%, 37%, 67%
CMY	0.4941, 0.6314, 0.3255
CMYK	0.25, 0.45, 0.00, 0.33
HSL	267°, 32%, 52%
HSV	267°, 45%, 67%
XYZ	20.5024, 15.6511, 40.9701
YIQ	113.3570, -4.1780, 31.6780

Conversions

Conversions Part 2

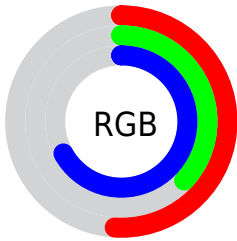
Format	Color
R_{YB}	129, 94, 172
Decimal	8478380
CIE _{Lab}	46.51, 30.41, -36.61
CIE _{LCh}	47, 47.590, 309.718
Yxy	15.6511, 0.2658, 0.2029
Android (android.graphics.Color)	4286668460 (0xFF815EAC)
YUV	113.3570, 28.9110, 13.7189
Hunter-Lab	39.5615, 23.2734, -33.7081

Details

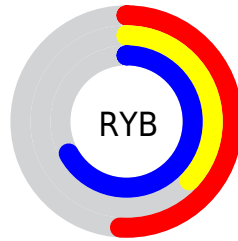
The Hex color **815EAC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **89AC5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B791E4**, and **4D2F77** is the 20% darker color. If you saturate the color by 10%, you get **784DAC**, and if you desaturate by 10%, it is **8A6FAC**.

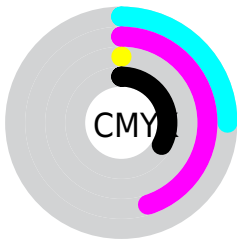
Distribution



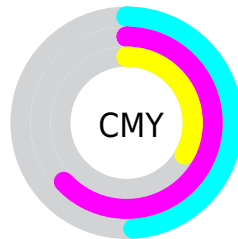
- Red (51%)
- Green (37%)
- Blue (67%)



- Red (51%)
- Yellow (37%)
- Blue (67%)



- Cyan (25%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 815EAC 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 815EAC by changing the saturation by 10% instead.

815EAC

815EAC

FFFFFF

674691

B791E4

4D2F77

D4ACFF

34185E

F1C7FF

1B0246

FFE4FF

00002F

000119

000000

815EAC

815EAC

784DAC

8A6FAC

6E3CAC

9480AC

652AAC

9D92AC

5B19AC

A7A3AC

5208AC

B0B4AC

4D00AC

BAC5AC

C3D6AC

CDE8AC

D6F9AC

Harmonies

Analogous

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



346EBD



815EAC



A84E8B

Triad

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



815EAC



996220



00817A

Complementary

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



815EAC



89AC5E

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.



008051



815EAC



777016

Square

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



815EAC



B0523D



4C7A2D



0080A0

Rectangle

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



815EAC



B44970



4C7A2D



00816D

Sweetspot

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



815EAC



CFC1E0



5E8AAC



665D70



F0F0F0



707070

Same Dimension

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



815EAC



9E67E0



A75EAC



524E57



440096



0A0017

Inverse Universe

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



AC5E89



E067AA



63AC5E



574E53



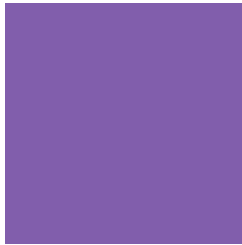
960053



17000D

Previews

White Background



This preview shows how the Hex color 815EAC looks on a white background.

Color Contrast Check

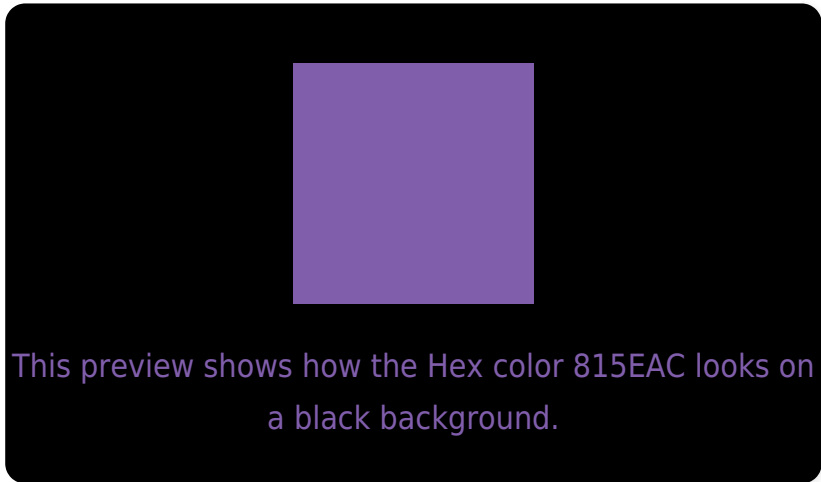
Large Text (above 18pt) WCAG AA ✓ Pass

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

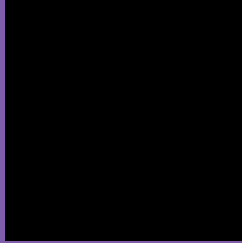
Any Text WCAG AA × Fail

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 815EAC Background



This preview shows how black text looks on a background with the Hex color 815EAC.

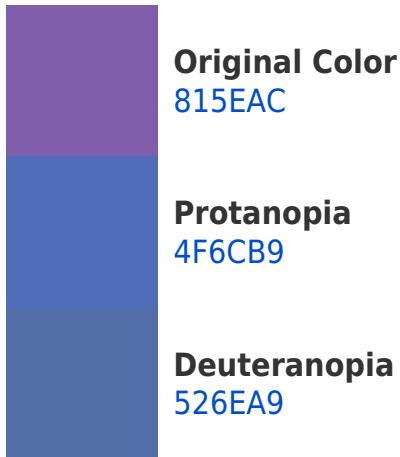



This preview shows how white text looks on a background with the Hex color 815EAC.

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
776B73

Trichromacy



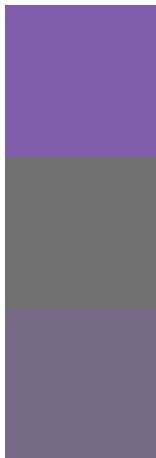
Original Color
815EAC

Protanomaly
6167B4

Deuteranomaly
6368AA

Tritanomaly
7B6688

Monochromacy



Original Color
815EAC

Achromatopsia
717171

Achromatomaly
776A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 815EAC 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 #815EAC looks like.

```
.text, #text, p{  
    color:#815EAC  
}
```

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 #815EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815EAC
}
```

Border

The CSS property to change the border of an element to Hex 815EAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

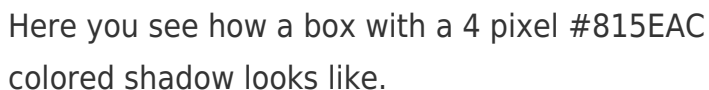
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815EAC }
```

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

```
.border{ border-color:#815EAC }
```

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



Here you see how a box with a 4 pixel #815EAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815EAC; -webkit-box-shadow:4px 4px  
4px 4px #815EAC; box-shadow:4px 4px 4px  
4px #815EAC }
```

Background

The CSS property to change the background color of an element to Hex 815EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815EAC }
```

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

```
.background{ background-color:#815EAC }
```

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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