

Converting Colors

Hex(813EC8)

Have a look what the booklet for
Hex(813EC8) contains.

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Color

Hex(813EC8)

Conversions

Conversions Part 1

Format	Color
Hex	813EC8
RGB	129, 62, 200
RGB Percent	51%, 24%, 78%
CMY	0.4941, 0.7569, 0.2157
CMYK	0.36, 0.69, 0.00, 0.22
HSL	269°, 56%, 51%
HSV	269°, 69%, 78%
XYZ	21.2012, 12.2825, 55.8969
YIQ	97.7650, -4.3660, 57.1220

Conversions

Conversions Part 2

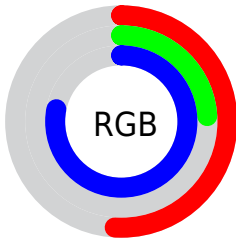
Format	Color
R _Y B	129, 62, 200
Decimal	8470216
CIE Lab	41.66, 54.69, -60.73
CIE LCh	42, 81.724, 312.008
Yxy	12.2825, 0.2372, 0.1374
Android (android.graphics.Color)	4286660296 (0xFF813EC8)
YUV	97.7650, 50.4019, 27.3931
Hunter-Lab	35.0464, 46.6518, -70.0315

Details

The Hex color **813EC8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **85C83E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BA72FF**, and **480091** is the 20% darker color. If you saturate the color by 10%, you get **772AC8**, and if you desaturate by 10%, it is **8B52C8**.

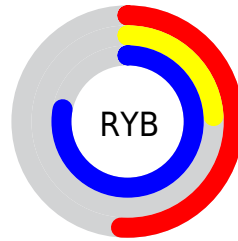
Distribution



Red (51%)

Green (24%)

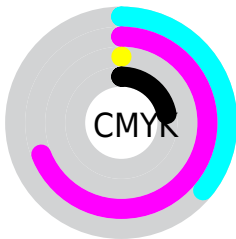
Blue (78%)



Red (51%)

Yellow (24%)

Blue (78%)

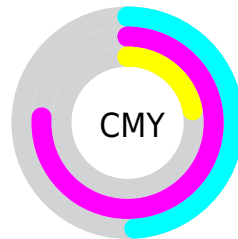


Cyan (36%)

Magenta (69%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813EC8 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 813EC8 by changing the saturation by 10% instead.

813EC8

813EC8

FFFFFF

6523AC

BA72FF

480091

D88DFF

290076

F6A9FF

03005D

FFC5FF

000044

FFE1FF

00032D

FFFEFF

000117

000000

813EC8

813EC8

772AC8

8B52C8

6C16C8

9666C8

6202C8

A07AC8

6100C8

AA8EC8

B4A2C8

BFB6C8

C9CAC8

D3DEC8

DEF2C8

Harmonies

Analogous

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



0063E9



813EC8



C1008D

Triad

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



813EC8



995000



007D7D

Complementary

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



813EC8



85C83E

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.



007A35



813EC8



606800

Square

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



813EC8



C11E01



007500



007CBC

Rectangle

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



813EC8



D10061



007500



007C65

Sweetspot

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



813EC8



E3C9FF



3E85C8



6F6080



000000



808080

Same Dimension

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



813EC8



922BFF



C63EC8



5E5A63



4F00A3



110024

Inverse Universe

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



C83E85



FF2B98



40C83E



635A5F



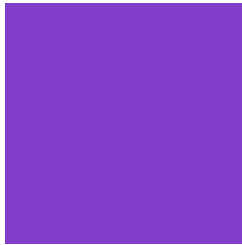
A30054



240012

Previews

White Background



This preview shows how the Hex color 813EC8 looks on a white background.

Color Contrast Check

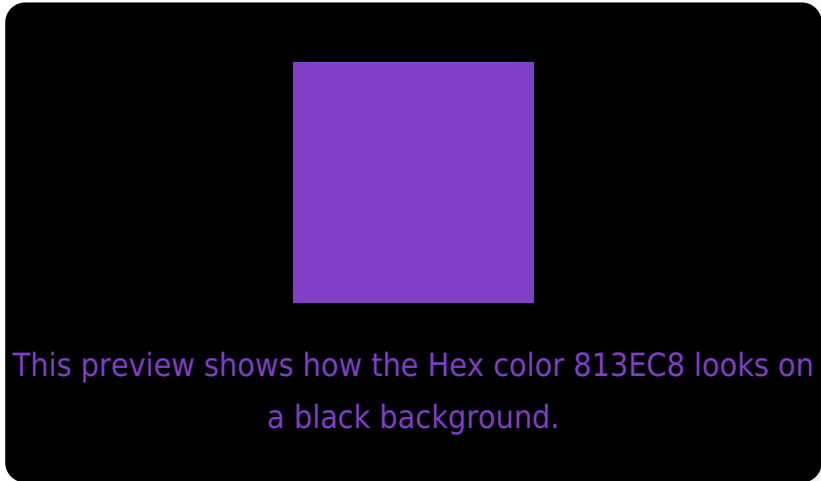
Large Text (above 18pt) WCAG AA ✓ Pass

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

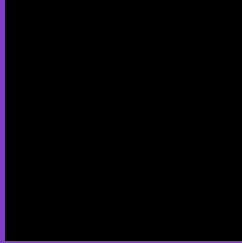
Any Text WCAG AA × Fail

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 813EC8 Background



This preview shows how black text looks on a background with the Hex color 813EC8.

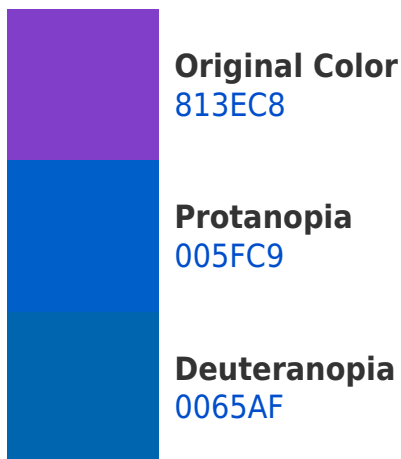



This preview shows how white text looks on a background with the Hex color 813EC8.

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](#).

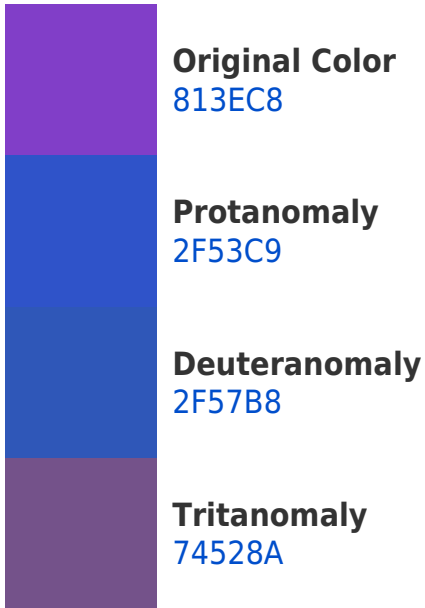
Dichromacy



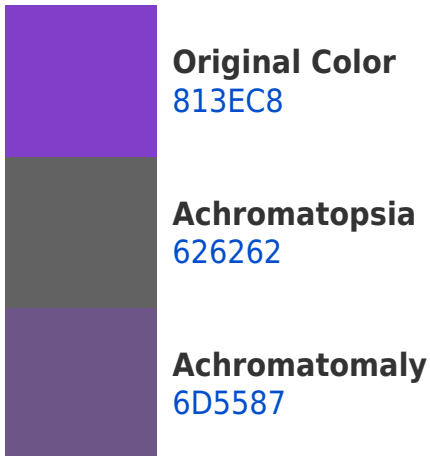


Tritanopia
6D5E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 813EC8 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 #813EC8 looks like.

```
.text, #text, p{  
    color:#813EC8  
}
```

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 #813EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813EC8
}
```

Border

The CSS property to change the border of an element to Hex 813EC8 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
#813EC8 }
```

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

```
.border{ border-color:#813EC8 }
```

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

Here you see how a box with a 4 pixel #813EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813EC8; -webkit-box-shadow:4px 4px  
4px 4px #813EC8; box-shadow:4px 4px 4px  
4px #813EC8 }
```

Background

The CSS property to change the background color of an element to Hex 813EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813EC8 }
```

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

```
.background{ background-color:#813EC8 }
```

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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