

Converting Colors

Hex(873CE2)

Have a look what the booklet for
Hex(873CE2) contains.

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Color

Hex(873CE2)

Conversions

Conversions Part 1

Format	Color
Hex	873CE2
RGB	135, 60, 226
RGB Percent	53%, 24%, 89%
CMY	0.4706, 0.7647, 0.1137
CMYK	0.40, 0.73, 0.00, 0.11
HSL	267°, 74%, 56%
HSV	267°, 73%, 89%
XYZ	25.3350, 13.8736, 73.2941
YIQ	101.3490, -8.5860, 67.5260

Conversions

Conversions Part 2

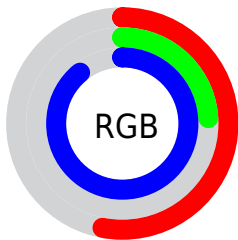
Format	Color
RYB	135, 60, 226
Decimal	8862946
CIELab	44.05, 62.94, -71.74
CIELCh	44, 95.441, 311.261
Yxy	13.8736, 0.2252, 0.1233
Android (android.graphics.Color)	4287053026 (0xFF873CE2)
YUV	101.3490, 61.4529, 29.5119
Hunter-Lab	37.2473, 56.2301, -90.5960

Details

The Hex color **873CE2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **97E23C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C272FF**, and **4B00A9** is the 20% darker color. If you saturate the color by 10%, you get **7B25E2**, and if you desaturate by 10%, it is **9353E2**.

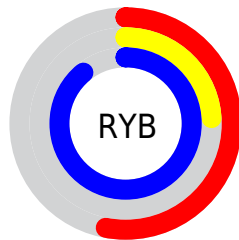
Distribution



Red (53%)

Green (24%)

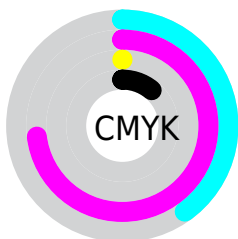
Blue (89%)



Red (53%)

Yellow (24%)

Blue (89%)

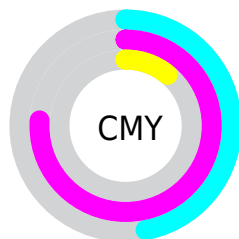


Cyan (40%)

Magenta (73%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (76%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 873CE2 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 873CE2 by changing the saturation by 10% instead.

 873CE2

 873CE2

FFFFFF

 691FC5

 C272FF

 4B00A9

 E08DFF

 28008E

 FFA9FF

 000074

 FFC5FF

 00005A

 FFE2FF

 000741

 00032A

 000114

 000000

873CE2

873CE2

7B25E2

9353E2

6E0FE2

A069E2

6600E2

AC80E2

B996E2

C5ADE2

D1C4E2

DEDAE2

EAF1E2

F7FFE2

Harmonies

Analogous

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



006BFF



873CE2



D6009D

Triad

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



873CE2



A75100



008685

Complementary

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



873CE2



97E23C

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.



008330



873CE2



646F00

Square

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



873CE2



D60000



007D00



0086D1

Rectangle

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



873CE2



E90069



007D00



00856A

Sweetspot

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



873CE2



E0C7FF



3C97E2



6D5E80



000000



808080

Same Dimension

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



873CE2



841FFF



DA3CE2



6A6570



4F00B0



160030

Inverse Universe

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



E23C97



FF1F9A



44E23C



70656B



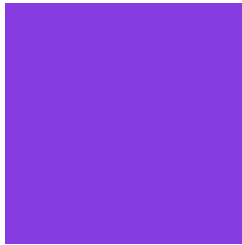
B00060



30001B

Previews

White Background



This preview shows how the Hex color 873CE2 looks on a white background.

Color Contrast Check

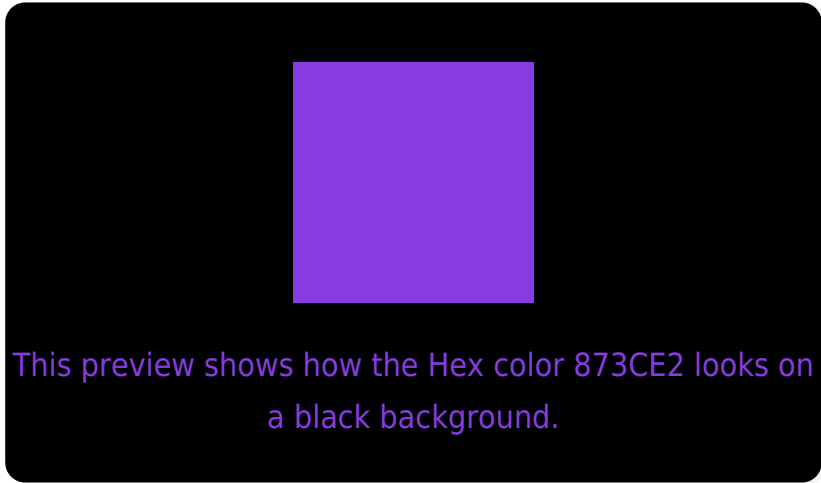
Large Text (above 18pt) WCAG AA ✓ Pass

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

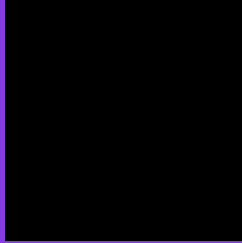
Any Text WCAG AA × Fail

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 873CE2 Background



This preview shows how black text looks on a background with the Hex color 873CE2.

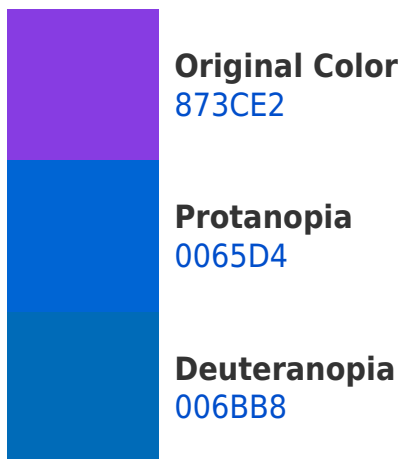


This preview shows how white text looks on a background with the Hex color 873CE2.

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](#).

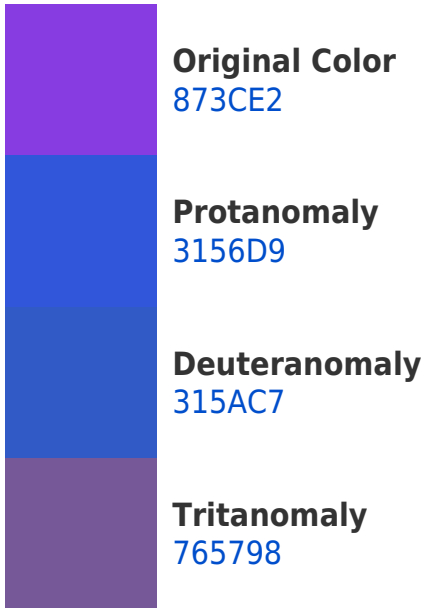
Dichromacy





Tritanopia
6D666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 873CE2 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 #873CE2 looks like.

```
.text, #text, p{  
    color:#873CE2  
}
```

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 #873CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #873CE2
}
```

Border

The CSS property to change the border of an element to Hex 873CE2 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
#873CE2 }
```

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

```
.border{ border-color:#873CE2 }
```

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

Here you see how a box with a 4 pixel #873CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #873CE2; -webkit-box-shadow:4px 4px  
4px 4px #873CE2; box-shadow:4px 4px 4px  
4px #873CE2 }
```

Background

The CSS property to change the background color of an element to Hex 873CE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#873CE2 }
```

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

```
.background{ background-color:#873CE2 }
```

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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