

Converting Colors

Hex(812DCC)

Have a look what the booklet for
Hex(812DCC) contains.

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Color

Hex(812DCC)

Conversions

Conversions Part 1

Format	Color
Hex	812DCC
RGB	129, 45, 204
RGB Percent	51%, 18%, 80%
CMY	0.4941, 0.8235, 0.2000
CMYK	0.37, 0.78, 0.00, 0.20
HSL	272°, 64%, 49%
HSV	272°, 78%, 80%
XYZ	20.8907, 10.9035, 58.1303
YIQ	88.2420, -0.9750, 67.2570

Conversions

Conversions Part 2

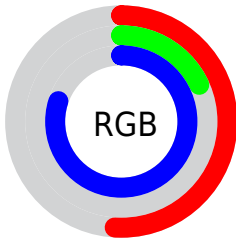
Format	Color
R _{YB}	129, 45, 204
Decimal	8465868
CIE _{Lab}	39.42, 62.88, -66.70
CIE _{LCh}	39, 91.665, 313.310
Yxy	10.9035, 0.2323, 0.1213
Android (android.graphics.Color)	4286655948 (0xFF812DCC)
YUV	88.2420, 57.0687, 35.7448
Hunter-Lab	33.0205, 55.1438, -81.2615

Details

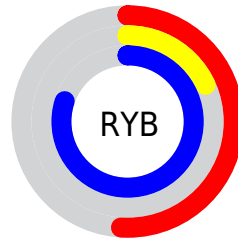
The Hex color **812DCC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **78CC2D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BB64FF**, and **460095** is the 20% darker color. If you saturate the color by 10%, you get **7719CC**, and if you desaturate by 10%, it is **8B41CC**.

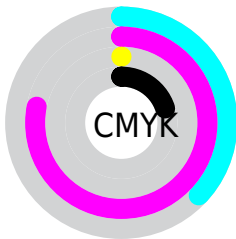
Distribution



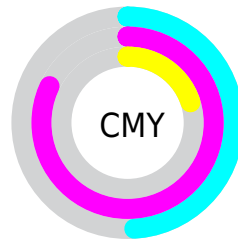
- Red (51%)
- Green (18%)
- Blue (80%)



- Red (51%)
- Yellow (18%)
- Blue (80%)



- Cyan (37%)
- Magenta (78%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (82%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812DCC 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 812DCC by changing the saturation by 10% instead.

 812DCC

 812DCC

FFFFFF

 6408B0

 BB64FF

 460095

 D980FF

 25007A

 F79BFF

 000060

 FFB7FF

 000047

 FFD4FF

 000430

 FFF1FF

 00011A

 000000

 812DCC

 812DCC

■ 7719CC

■ 8B41CC

■ 6E04CC

■ 9456CC

■ 6C00CC

■ 9E6ACC

■ A77FCC

■ B193CC

■ BBA7CC

■ C4BCCC

■ CED0CC

■ D8E5CC

Harmonies

Analogous

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



005EF3



812DCC



C7008A

Triad

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



812DCC



934900



00787E

Complementary

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



812DCC



78CC2D

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.



00762E



812DCC



536400

Square

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



812DCC



C10000



007100



0078C4

Rectangle

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



812DCC



D60059



007100



007864

Sweetspot

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



812DCC



E3C4FF



2D7ACC



6F5C80



000000



808080

Same Dimension

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



812DCC



8E0FFF



CC2DC9



615C66



5800A6



140026

Inverse Universe

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



CC2D78



FF0F80



2DCC30



665C61



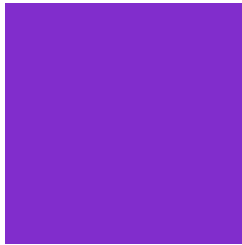
A6004E



260012

Previews

White Background



This preview shows how the Hex color 812DCC 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

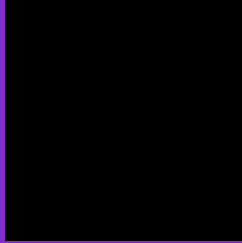
Any Text WCAG AA × Fail

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 812DCC Background



This preview shows how black text looks on a background with the Hex color 812DCC.

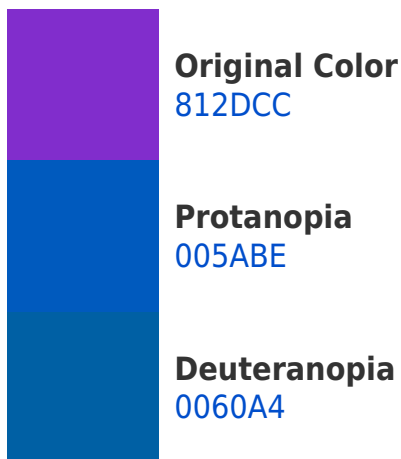


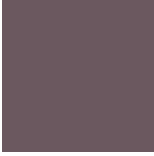
This preview shows how white text looks on a background with the Hex color 812DCC.

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](#).

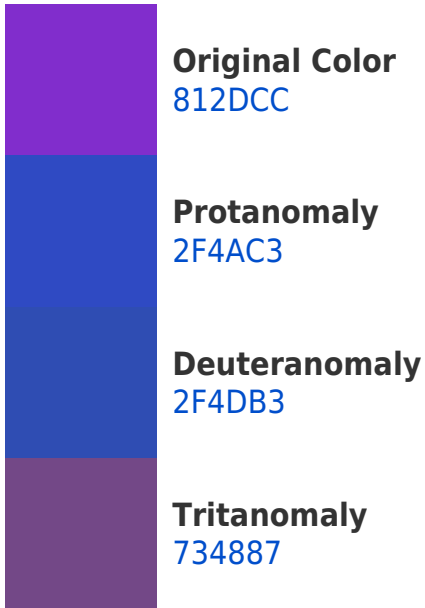
Dichromacy



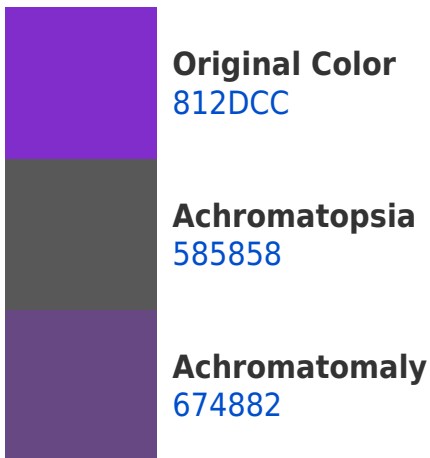


Tritanopia
6B585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 812DCC 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 #812DCC looks like.

```
.text, #text, p{  
    color:#812DCC  
}
```

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 #812DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812DCC
}
```

Border

The CSS property to change the border of an element to Hex 812DCC 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
#812DCC }
```

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

```
.border{ border-color:#812DCC }
```

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

Here you see how a box with a 4 pixel #812DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812DCC; -webkit-box-shadow:4px 4px  
4px 4px #812DCC; box-shadow:4px 4px 4px  
4px #812DCC }
```

Background

The CSS property to change the background color of an element to Hex 812DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812DCC }
```

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

```
.background{ background-color:#812DCC }
```

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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