

Converting Colors

Hex(804DB5)

Have a look what the booklet for
Hex(804DB5) contains.

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Color

Hex(804DB5)

Conversions

Conversions Part 1

Format	Color
Hex	804DB5
RGB	128, 77, 181
RGB Percent	50%, 30%, 71%
CMY	0.4980, 0.6980, 0.2902
CMYK	0.29, 0.57, 0.00, 0.29
HSL	269°, 41%, 51%
HSV	269°, 57%, 71%
XYZ	19.8965, 13.2331, 45.2217
YIQ	104.1050, -2.9880, 43.1560

Conversions

Conversions Part 2

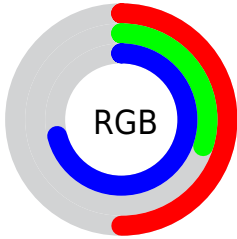
Format	Color
R_{YB}	128, 77, 181
Decimal	8408501
CIE _{Lab}	43.11, 42.09, -47.30
CIE _{LCh}	43, 63.314, 311.661
Yxy	13.2331, 0.2539, 0.1689
Android (android.graphics.Color)	4286598581 (0xFF804DB5)
YUV	104.1050, 37.9092, 20.9559
Hunter-Lab	36.3774, 33.9694, -48.2407

Details

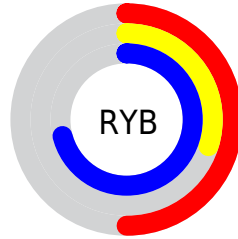
The Hex color **804DB5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **82B54D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B880EE**, and **4A1C7F** is the 20% darker color. If you saturate the color by 10%, you get **773BB5**, and if you desaturate by 10%, it is **895FB5**.

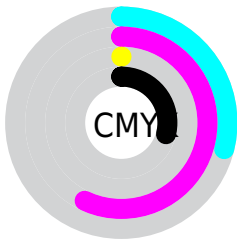
Distribution



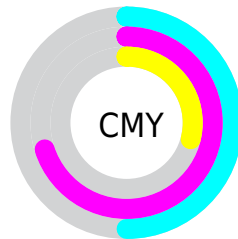
- Red (50%)
- Green (30%)
- Blue (71%)



- Red (50%)
- Yellow (30%)
- Blue (71%)



- Cyan (29%)
- Magenta (57%)
- Yellow (0%)
- Black (29%)



- Cyan (50%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804DB5 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 804DB5 by changing the saturation by 10% instead.

804DB5

804DB5

FFFFFF

65349A

B880EE

4A1C7F

D49BFF

2F0166

F1B6FF

14004D

FFD2FF

000035

FFEFFF

00021F

000002

000000

804DB5

804DB5

773BB5

895FB5

6E29B5

9271B5

6417B5

9C83B5

5B05B5

A595B5

5900B5

AEA8B5

B7BAB5

C1CCB5

CADEB5

D3F0B5

Harmonies

Analogous

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



0066CE



804DB5



B22F88

Triad

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



804DB5



955700



007D7A

Complementary

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



804DB5



82B54D

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.



007B43



804DB5



696A00

Square

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



804DB5



B53D21



2A7502



007BAB

Rectangle

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



804DB5



BF2365



2A7502



007C67

Sweetspot

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



804DB5



D6C3EB



4D83B5



695E75



F5F5F5



757575

Same Dimension

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



804DB5



9849EB



B34DB5



555059



4B0099



0D001A

Inverse Universe

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



B54D82



EB499B



4FB54D



595055



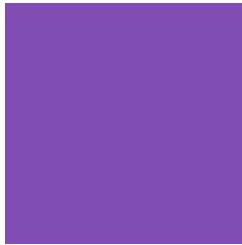
99004E



1A000D

Previews

White Background



This preview shows how the Hex color 804DB5 looks on a white background.

Color Contrast Check

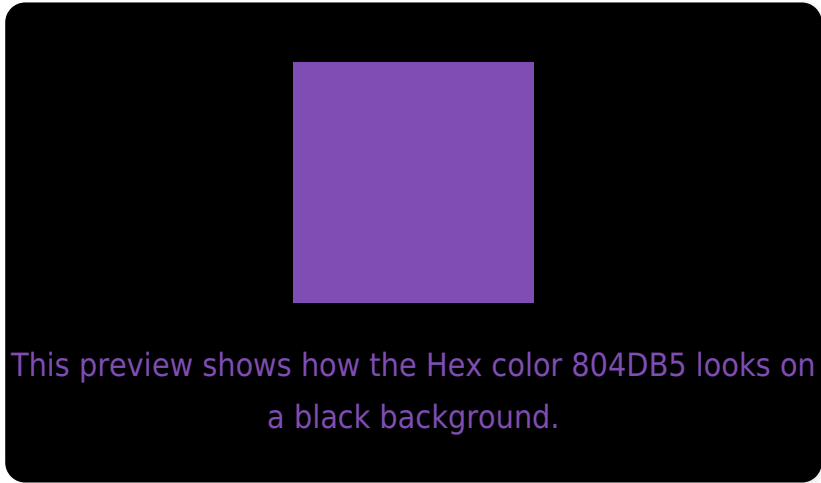
Large Text (above 18pt) WCAG AA ✓ Pass

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

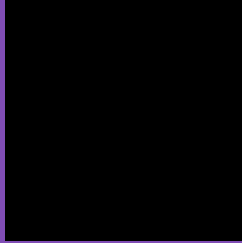
Any Text WCAG AA × Fail

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 804DB5 Background



This preview shows how black text looks on a background with the Hex color 804DB5.

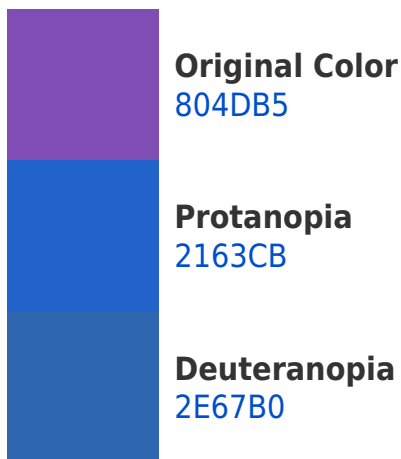


This preview shows how white text looks on a background with the Hex color 804DB5.

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](#).

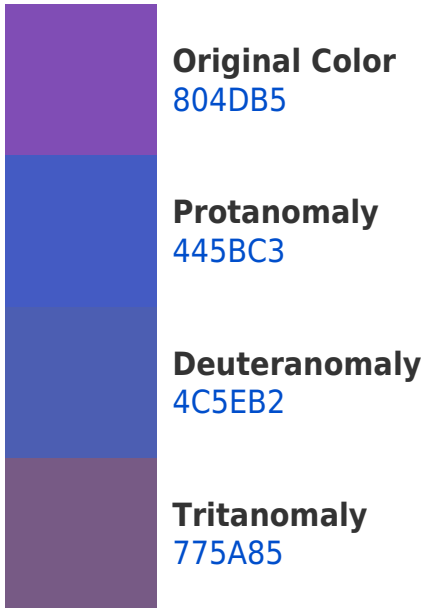
Dichromacy



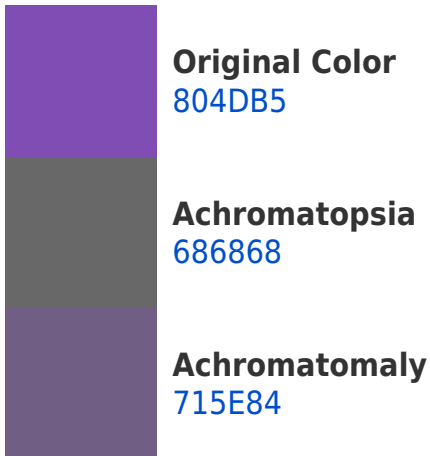


Tritanopia
726169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 804DB5 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 #804DB5 looks like.

```
.text, #text, p{  
  color:#804DB5  
}
```

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 #804DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804DB5
}
```

Border

The CSS property to change the border of an element to Hex 804DB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

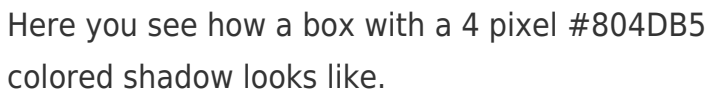
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804DB5 }
```

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

```
.border{ border-color:#804DB5 }
```

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



Here you see how a box with a 4 pixel #804DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804DB5; -webkit-box-shadow:4px 4px  
4px 4px #804DB5; box-shadow:4px 4px 4px  
4px #804DB5 }
```

Background

The CSS property to change the background color of an element to Hex 804DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804DB5 }
```

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

```
.background{ background-color:#804DB5 }
```

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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