

Converting Colors

Hex(804BA4)

Have a look what the booklet for
Hex(804BA4) contains.

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Color

Hex(804BA4)

Conversions

Conversions Part 1

Format	Color
Hex	804BA4
RGB	128, 75, 164
RGB Percent	50%, 29%, 64%
CMY	0.4980, 0.7059, 0.3569
CMYK	0.22, 0.54, 0.00, 0.36
HSL	276°, 37%, 47%
HSV	276°, 54%, 64%
XYZ	18.1190, 12.3017, 36.5414
YIQ	100.9930, 3.0190, 38.9150

Conversions

Conversions Part 2

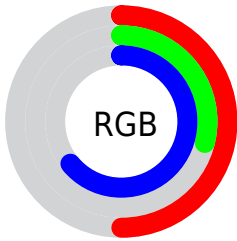
Format	Color
R _{YB}	128, 75, 164
Decimal	8407972
CIE Lab	41.69, 39.09, -39.52
CIE LCh	42, 55.587, 314.690
Yxy	12.3017, 0.2706, 0.1837
Android (android.graphics.Color)	4286598052 (0xFF804BA4)
YUV	100.9930, 31.0625, 23.6851
Hunter-Lab	35.0738, 30.8335, -37.2194

Details

The Hex color **804BA4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6FA44B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B77EDB**, and **4C1A70** is the 20% darker color. If you saturate the color by 10%, you get **793BA4**, and if you desaturate by 10%, it is **875BA4**.

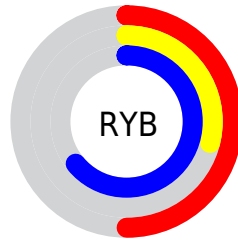
Distribution



Red (50%)

Green (29%)

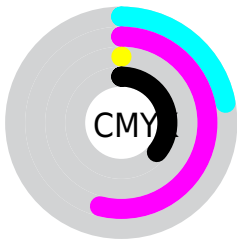
Blue (64%)



Red (50%)

Yellow (29%)

Blue (64%)

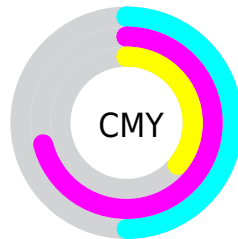


Cyan (22%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804BA4 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 804BA4 by changing the saturation by 10% instead.

804BA4

804BA4

FFFFFF

663389

B77EDB

4C1A70

D398F8

320057

F0B3FF

1C003F

FFCFFF

000028

FFECFF

000112

000000

804BA4

804BA4

793BA4

875BA4

732AA4

8D6CA4

6C1AA4

947CA4

6509A4

9B8DA4

6200A4

A19DA4

A8ADA4

AEBEA4

B5CEA4

BCDFA4

Harmonies

Analogous

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



1F60BC



804BA4



A8357C

Triad

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



804BA4



8A5800



007778

Complementary

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



804BA4



6FA44B

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.



007649



804BA4



626700

Square

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



804BA4



A74323



2A7119



0075A2

Rectangle

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



804BA4



B22F5D



2A7119



007769

Sweetspot

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



804BA4



C8B4D6



4B70A4



63576B



EBEBEB



6B6B6B

Same Dimension

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



804BA4



9E4BD6



A44B9D



4E4952



570091



0B0012

Inverse Universe

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



A44B6F



D64B83



4BA452



52494D



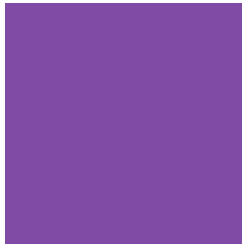
91003B



120007

Previews

White Background



This preview shows how the Hex color 804BA4 looks on a white background.

Color Contrast Check

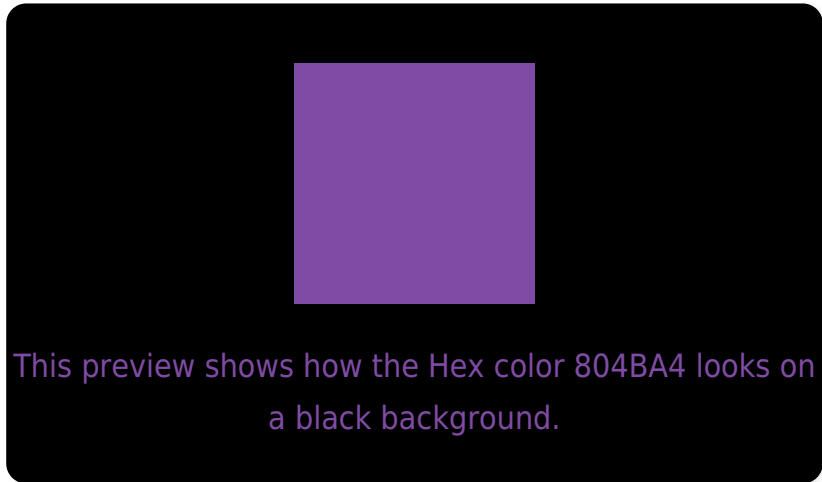
Large Text (above 18pt) WCAG AA ✓ Pass

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

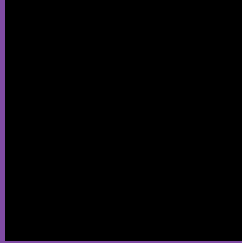
Any Text WCAG AA × Fail

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 804BA4 Background



This preview shows how black text looks on a background with the Hex color 804BA4.

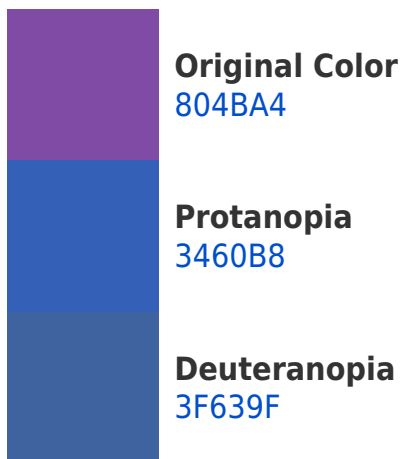



This preview shows how white text looks on a background with the Hex color 804BA4.

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](#).

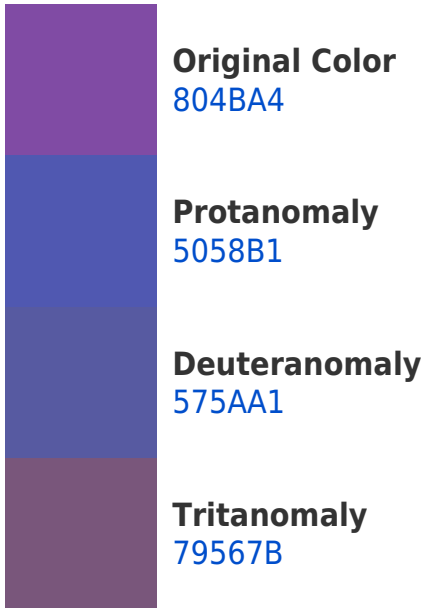
Dichromacy



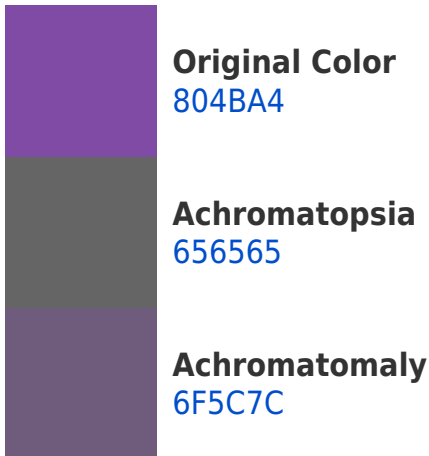


Tritanopia
755C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 804BA4 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 #804BA4 looks like.

```
.text, #text, p{  
    color:#804BA4  
}
```

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 #804BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804BA4
}
```

Border

The CSS property to change the border of an element to Hex 804BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

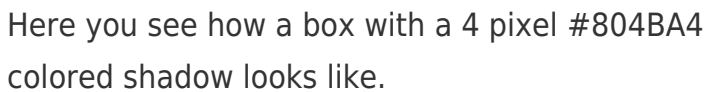
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804BA4 }
```

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

```
.border{ border-color:#804BA4 }
```

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



Here you see how a box with a 4 pixel #804BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804BA4; -webkit-box-shadow:4px 4px  
4px 4px #804BA4; box-shadow:4px 4px 4px  
4px #804BA4 }
```

Background

The CSS property to change the background color of an element to Hex 804BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804BA4 }
```

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

```
.background{ background-color:#804BA4 }
```

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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