

Converting Colors

Hex(805FA4)

Have a look what the booklet for
Hex(805FA4) contains.

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Color

Hex(805FA4)

Conversions

Conversions Part 1

Format	Color
Hex	805FA4
RGB	128, 95, 164
RGB Percent	50%, 37%, 64%
CMY	0.4980, 0.6275, 0.3569
CMYK	0.22, 0.42, 0.00, 0.36
HSL	269°, 27%, 51%
HSV	269°, 42%, 64%
XYZ	19.6951, 15.4539, 37.0668
YIQ	112.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

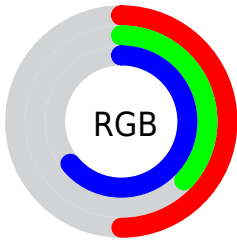
Format	Color
RYB	128, 95, 164
Decimal	8413092
CIELab	46.25, 27.56, -32.32
CIELCh	46, 42.476, 310.452
Yxy	15.4539, 0.2727, 0.2140
Android (android.graphics.Color)	4286603172 (0xFF805FA4)
YUV	112.7330, 25.2746, 13.3892
Hunter-Lab	39.3115, 20.6337, -28.3865

Details

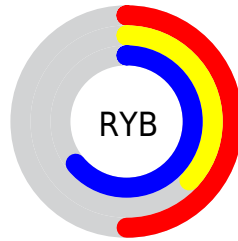
The Hex color **805FA4** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **83A45F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B692DB**, and **4D3070** is the 20% darker color. If you saturate the color by 10%, you get **774FA4**, and if you desaturate by 10%, it is **896FA4**.

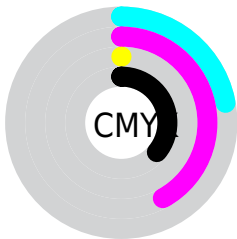
Distribution



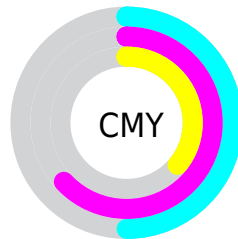
- Red (50%)
- Green (37%)
- Blue (64%)



- Red (50%)
- Yellow (37%)
- Blue (64%)



- Cyan (22%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 805FA4 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 805FA4 by changing the saturation by 10% instead.

805FA4

805FA4

FFFFFF

664789

B692DB

4D3070

D2ADF8

341A57

EFC8FF

1C043F

FFE4FF

000029

000113

000000

805FA4

805FA4

774FA4

896FA4

6F3EA4

9180A4

662EA4

9A90A4

5E1DA4

A2A1A4

550DA4

ABB1A4

4E00A4

B3C1A4

BCD2A4

C4E2A4

CDF3A4

Harmonies

Analogous

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



436DB4



805FA4



A25286

Triad

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



805FA4



946329



007F79

Complementary

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



805FA4



83A45F

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.



037D54



805FA4



757023

Square

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



805FA4



A95641



4F7835



007E9B

Rectangle

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



805FA4



AD4E6E



4F7835



007F6D

Sweetspot

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



805FA4



C8BAD6



5F84A4



625A6B



EBEBEB



6B6B6B

Same Dimension

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



805FA4



9E6BD6



A25FA4



4D4952



460091



090012

Inverse Universe

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



A45F83



D66BA3



61A45F



52494E



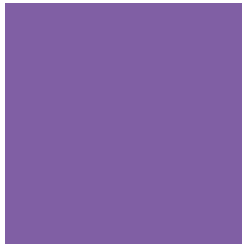
91004C



120009

Previews

White Background



This preview shows how the Hex color 805FA4 looks on a white background.

Color Contrast Check

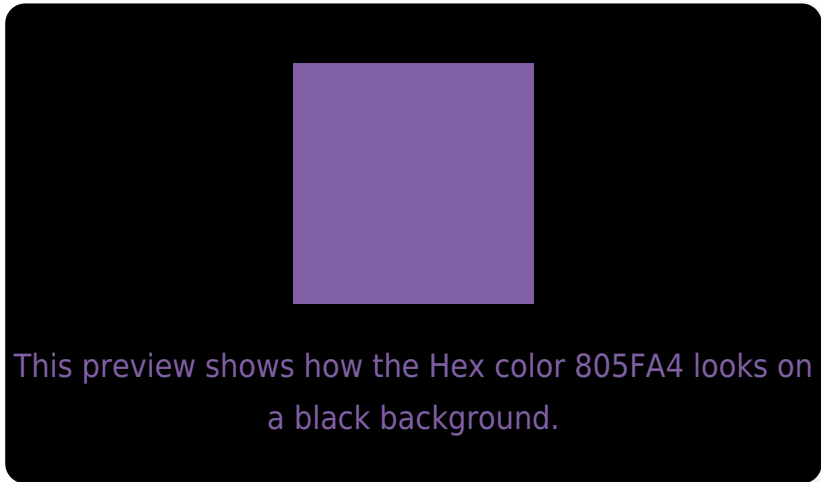
Large Text (above 18pt) WCAG AA ✓ Pass

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

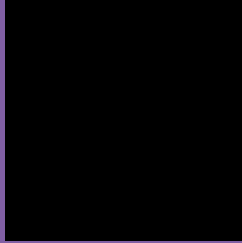
Any Text WCAG AA × Fail

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 805FA4 Background



This preview shows how black text looks on a background with the Hex color 805FA4.

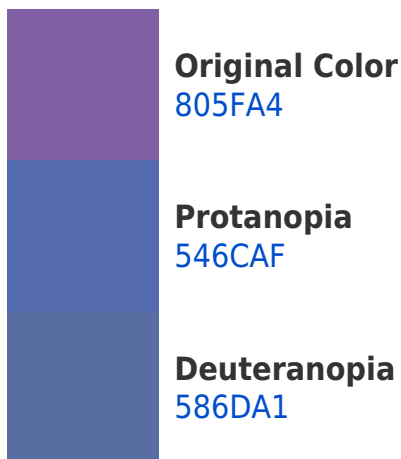


This preview shows how white text looks on a background with the Hex color 805FA4.

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
776A72

Trichromacy



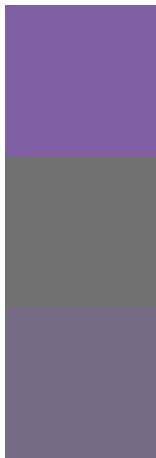
Original Color
805FA4

Protanomaly
6467AB

Deuteranomaly
6768A2

Tritanomaly
7A6684

Monochromacy



Original Color
805FA4

Achromatopsia
717171

Achromatomaly
766A84

CSS Examples

Text

The CSS property to change the color of the text to Hex 805FA4 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 #805FA4 looks like.

```
.text, #text, p{  
    color:#805FA4  
}
```

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 #805FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805FA4
}
```

Border

The CSS property to change the border of an element to Hex 805FA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

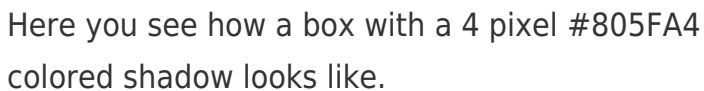
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805FA4 }
```

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

```
.border{ border-color:#805FA4 }
```

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



Here you see how a box with a 4 pixel #805FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805FA4; -webkit-box-shadow:4px 4px  
4px 4px #805FA4; box-shadow:4px 4px 4px  
4px #805FA4 }
```

Background

The CSS property to change the background color of an element to Hex 805FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805FA4 }
```

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

```
.background{ background-color:#805FA4 }
```

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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