

# Converting Colors

Hex(805D89)

Have a look what the booklet for  
Hex(805D89) contains.

<b>Hex(805D89)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(805D89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805D89
RGB	128, 93, 137
RGB Percent	50%, 36%, 54%
CMY	0.4980, 0.6353, 0.4627
CMYK	0.07, 0.32, 0.00, 0.46
HSL	288°, 19%, 45%
HSV	288°, 32%, 54%
XYZ	17.3318, 14.2240, 25.4989
YIQ	108.4810, 6.7360, 21.1040

# Conversions

## Conversions Part 2

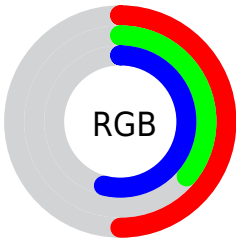
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 93, 137
Decimal	8412553
CIE <sub>Lab</sub>	44.55, 22.53, -18.88
CIE <sub>LCh</sub>	45, 29.394, 320.044
Yxy	14.2240, 0.3038, 0.2493
Android (android.graphics.Color)	4286602633 (0xFF805D89)
YUV	108.4810, 14.0599, 17.1182
Hunter-Lab	37.7148, 16.0287, -13.6856

# Details

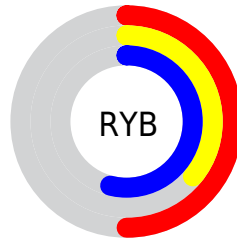
The Hex color **805D89** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **66895D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B590BF**, and **4E2E57** is the 20% darker color. If you saturate the color by 10%, you get **7D4F89**, and if you desaturate by 10%, it is **836B89**.

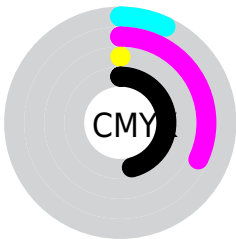
# Distribution



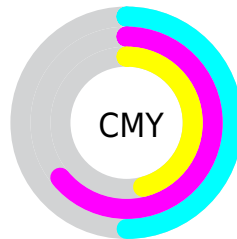
- Red (50%)
- Green (36%)
- Blue (54%)



- Red (50%)
- Yellow (36%)
- Blue (54%)



- Cyan (7%)
- Magenta (32%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (64%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805D89 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 805D89 by changing the saturation by 10% instead.



805D89

805D89

FFFFFF

674570

B590BF

4E2E57

D1AADA

361840

EEC6F7

210129

FFE2FF

000114

000000

805D89

805D89

7D4F89

836B89

7A4289

867889

 783489

 888689

 752689

 8B9489

 721889

 8EA289

 6F0B89

 91AF89

 6D0089

 94BD89

 96CB89

 99D889

# Harmonies

## Analogous

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



606697



805D89



935773

# Triad

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



805D89



806539



007679

# Complementary

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



805D89



66895D

# 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.



2A7660



805D89



696D3A

# Square

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



805D89



915D45



4C7349



00748E

# Rectangle

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



805D89



985662



4C7349



007671



# Sweetspot

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



805D89



AFA1B3



5D6789



574F59



D9D9D9



595959



# Same Dimension

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



805D89



A46DB3



895D7D



433E45



690085



040005



# Inverse Universe

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



895D66



B36D7B



5D8969



453E3F



85001B

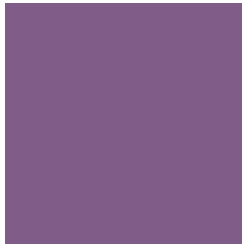


050001



# Previews

## White Background



This preview shows how the Hex color 805D89 looks on a white background.

## Color Contrast Check

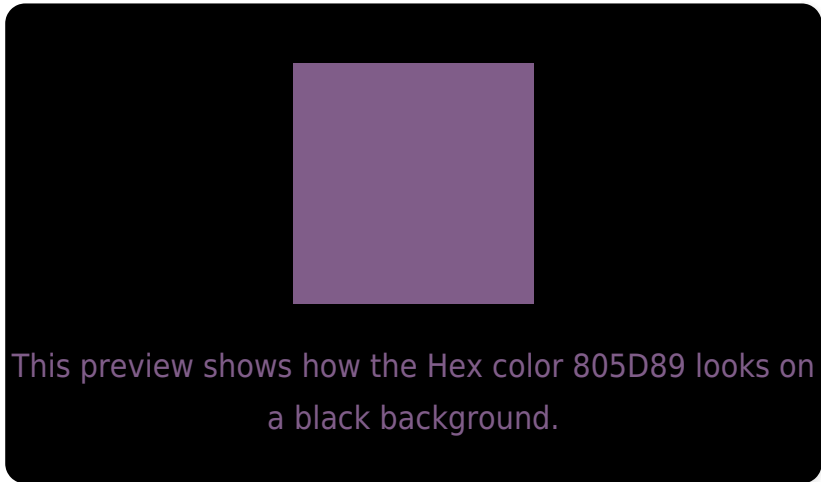
Large Text (above 18pt) WCAG AA ✓ Pass

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

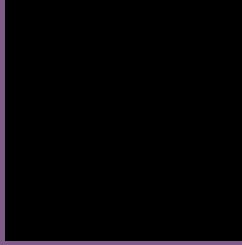
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 805D89 Background



This preview shows how black text looks on a background with the Hex color 805D89.

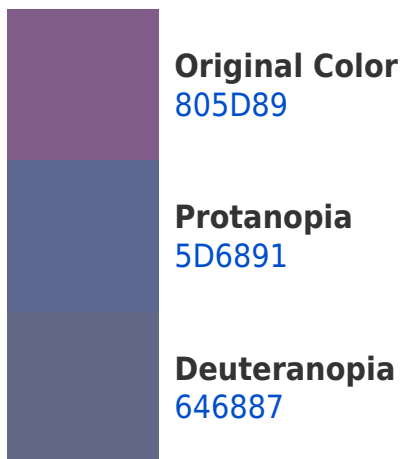



This preview shows how white text looks on a background with the Hex color 805D89.

# 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**  
7C636B

# Trichromacy



**Original Color**  
805D89

**Protanomaly**  
6A648E

**Deuteranomaly**  
6E6488

**Tritanomaly**  
7D6176

# Monochromacy



**Original Color**  
805D89

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
736777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805D89 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 #805D89 looks like.

```
.text, #text, p{  
    color:#805D89  
}
```

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 #805D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805D89
}
```

## Border

The CSS property to change the border of an element to Hex 805D89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

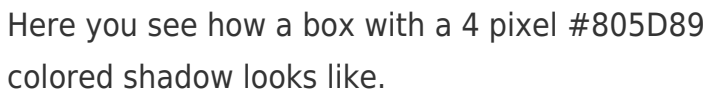
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805D89 }
```

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

```
.border{ border-color:#805D89 }
```

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



Here you see how a box with a 4 pixel #805D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805D89; -webkit-box-shadow:4px 4px  
4px 4px #805D89; box-shadow:4px 4px 4px  
4px #805D89 }
```

# Background

The CSS property to change the background color of an element to Hex 805D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805D89 }
```

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

```
.background{ background-color:#805D89 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor