

Converting Colors

Hex(805C83)

Have a look what the booklet for
Hex(805C83) contains.

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Color

Hex(805C83)

Conversions

Conversions Part 1	
Format	Color
Hex	805C83
RGB	128, 92, 131
RGB Percent	50%, 36%, 51%
CMY	0.4980, 0.6392, 0.4863
CMYK	0.02, 0.30, 0.00, 0.49
HSL	295°, 17%, 44%
HSV	295°, 30%, 51%
XYZ	16.8260, 13.8822, 23.2654
YIQ	107.2100, 8.9370, 19.7610

Conversions

Conversions Part 2

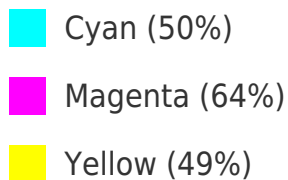
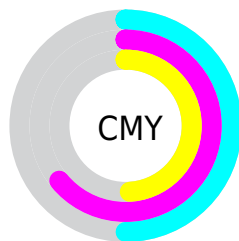
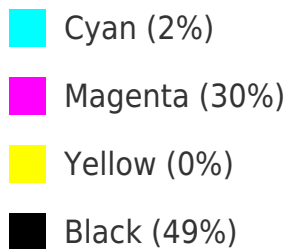
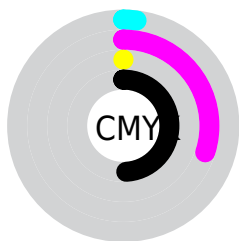
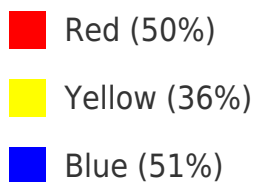
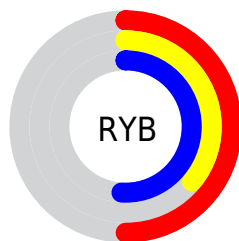
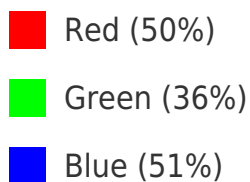
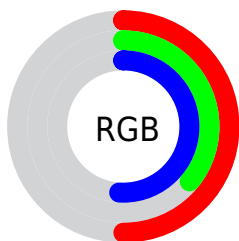
Format	Color
RYB	128, 92, 131
Decimal	8412291
CIELab	44.06, 21.85, -16.01
CIELCh	44, 27.091, 323.774
Yxy	13.8822, 0.3117, 0.2572
Android (android.graphics.Color)	4286602371 (0xFF805C83)
YUV	107.2100, 11.7285, 18.2328
Hunter-Lab	37.2588, 15.4072, -10.9412

Details

The Hex color **805C83** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F835C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B58FB8**, and **4E2D52** is the 20% darker color. If you saturate the color by 10%, you get **7F4F83**, and if you desaturate by 10%, it is **816983**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 805C83 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 805C83 by changing the saturation by 10% instead.



805C83



805C83

FFFFFF



67446A



B58FB8



4E2D52



D1A9D4



37173A



EEC5F0



220025



FFE1FF



00010E



FFFDFF



000000



805C83



805C83



7F4F83



816983



7E4283



827683

 7D3583

 838383

 7C2883

 849083

 7B1B83

 859E83

 7A0D83

 86AB83

 790083

 87B883

 88C583

 89D283

Harmonies

Analogous

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



646491



805C83



90576E

Triad

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



805C83



7B653B



03747A

Complementary

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



805C83



5F835C

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.



2C7463



805C83



656C3E

Square

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



805C83



8C5D45



4A714D



11718C

Rectangle

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



805C83



94575F



4A714D



127472

Sweetspot

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



805C83



AA9BAB



5C5F83



564D57



D6D6D6



575757

Same Dimension

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



805C83



A66DAB



835C73



423C42



780082



020003

Inverse Universe

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



835C5F



AB6D72



5C836C



423C3C



82000A



030000

Previews

White Background



This preview shows how the Hex color 805C83 looks on a white background.

Color Contrast Check

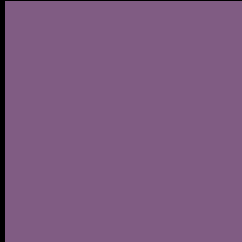
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 805C83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

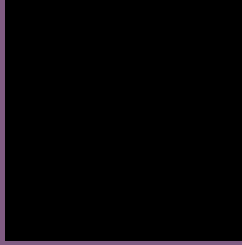
Any Text WCAG AA × Fail

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 805C83 Background



This preview shows how black text looks on a background with the Hex color 805C83.



This preview shows how white text looks on a background with the Hex color 805C83.

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



Original Color
805C83


Protanopia
5E678B

Deuteranopia
666681






Tritanopia
7C6169

Trichromacy

	Original Color 805C83
	Protanomaly 6A6388
	Deuteranomaly 6F6282
	Tritanomaly 7D5F72

Monochromacy

	Original Color 805C83
	Achromatopsia 6B6B6B
	Achromatomaly 736674

CSS Examples

Text

The CSS property to change the color of the text to Hex 805C83 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 #805C83 looks like.

```
.text, #text, p{  
    color:#805C83  
}
```

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 #805C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805C83
}
```

Border

The CSS property to change the border of an element to Hex 805C83 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
#805C83 }
```

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

```
.border{ border-color:#805C83 }
```

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

Here you see how a box with a 4 pixel #805C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805C83; -webkit-box-shadow:4px 4px  
4px 4px #805C83; box-shadow:4px 4px 4px  
4px #805C83 }
```

Background

The CSS property to change the background color of an element to Hex 805C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805C83 }
```

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

```
.background{ background-color:#805C83 }
```

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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