

Converting Colors

Hex(805175)

Have a look what the booklet for
Hex(805175) contains.

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Color

Hex(805175)

Conversions

Conversions Part 1

Format	Color
Hex	805175
RGB	128, 81, 117
RGB Percent	50%, 32%, 46%
CMY	0.4980, 0.6824, 0.5412
CMYK	0.00, 0.37, 0.09, 0.50
HSL	314°, 22%, 41%
HSV	314°, 37%, 50%
XYZ	15.0554, 11.7584, 18.3057
YIQ	99.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

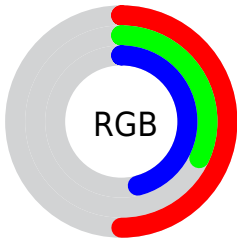
Format	Color
R_{YB}	128, 81, 117
Decimal	8409461
CIE _{Lab}	40.83, 25.58, -12.40
CIE _{LCh}	41, 28.427, 334.134
Yxy	11.7584, 0.3337, 0.2606
Android (android.graphics.Color)	4286599541 (0xFF805175)
YUV	99.1570, 8.7966, 25.2953
Hunter-Lab	34.2905, 18.3627, -7.6481

Details

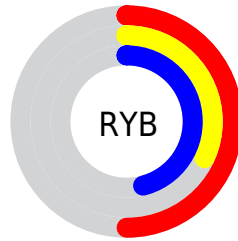
The Hex color **805175** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **51805C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B683A9**, and **4E2245** is the 20% darker color. If you saturate the color by 10%, you get **804472**, and if you desaturate by 10%, it is **805E78**.

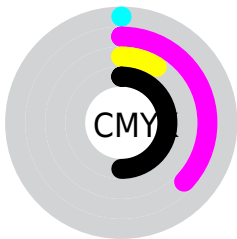
Distribution



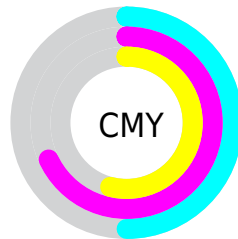
- Red (50%)
- Green (32%)
- Blue (46%)



- Red (50%)
- Yellow (32%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 805175 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 805175 by changing the saturation by 10% instead.

 805175

 805175

FFFFFF

 66395C

 B683A9

 4E2245

 D29EC4

 360C2E

 EEB9E0

 23001A

 FFD5FD

 000000

 FFF1FF

 805175

 805175

 804472

 805E78

 80376F

 806B7B

802B6C

80777E

801E69

808481

801166

809184

800463

809E87

800062

80AB8A

80B78D

80C490

Harmonies

Analogous

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



675987



805175



8C4D5E

Triad

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



805175



6C6031



006C7A

Complementary

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



805175



51805C

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.



066C63



805175



536739

Square

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



805175



7F5837



366B4B



04688A

Rectangle

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



805175



8D4F4E



366B4B



006C73

Sweetspot

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



805175



A694A1



5C5180



544952



D4D4D4



545454

Same Dimension

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



805175



A65D95



80515E



40393E



800062



000000

Inverse Universe

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



805175



A65D95



518073



40393E



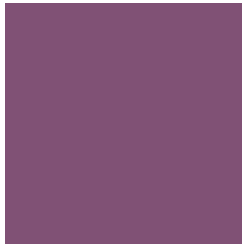
800062



000000

Previews

White Background



This preview shows how the Hex color 805175 looks on a white background.

Color Contrast Check

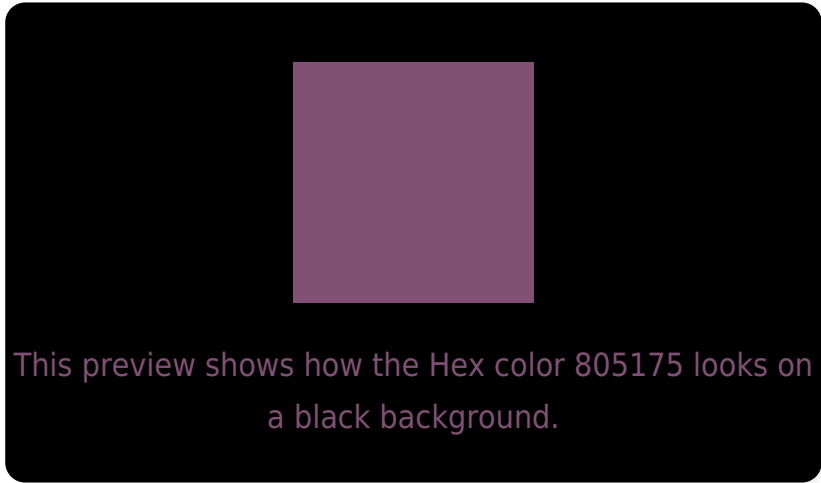
Large Text (above 18pt) WCAG AA ✓ Pass

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

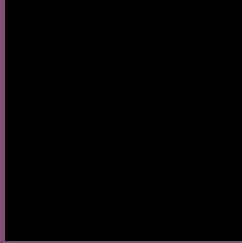
Any Text WCAG AA × Fail

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 805175 Background



This preview shows how black text looks on a background with the Hex color 805175.

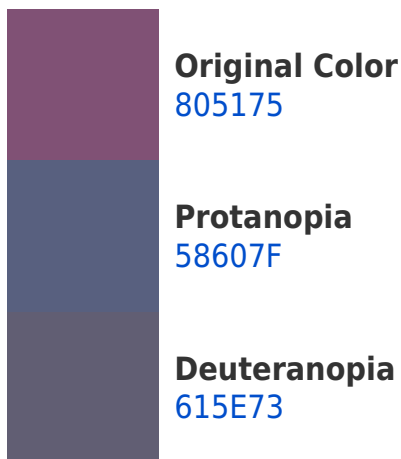



This preview shows how white text looks on a background with the Hex color 805175.

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
7D565C

Trichromacy



Original Color
805175

Protanomaly
675B7B

Deuteranomaly
6C5974

Tritanomaly
7E5465

Monochromacy



Original Color
805175

Achromatopsia
636363

Achromatomaly
6E5C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 805175 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 #805175 looks like.

```
.text, #text, p{  
    color:#805175  
}
```

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 #805175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805175
}
```

Border

The CSS property to change the border of an element to Hex 805175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

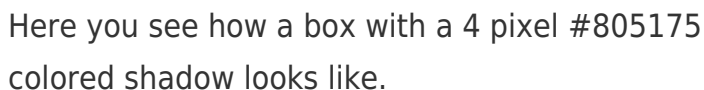
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805175 }
```

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

```
.border{ border-color:#805175 }
```

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



Here you see how a box with a 4 pixel #805175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805175; -webkit-box-shadow:4px 4px  
4px 4px #805175; box-shadow:4px 4px 4px  
4px #805175 }
```

Background

The CSS property to change the background color of an element to Hex 805175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805175 }
```

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

```
.background{ background-color:#805175 }
```

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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