

Converting Colors

Hex(805180)

Have a look what the booklet for
Hex(805180) contains.

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Color

Hex(805180)

Conversions

Conversions Part 1

Format	Color
Hex	805180
RGB	128, 81, 128
RGB Percent	50%, 32%, 50%
CMY	0.4980, 0.6824, 0.4980
CMYK	0.00, 0.37, 0.00, 0.50
HSL	300°, 22%, 41%
HSV	300°, 37%, 50%
XYZ	15.7408, 12.0326, 21.9150
YIQ	100.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

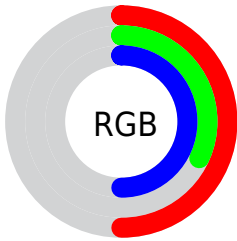
Format	Color
R_{YB}	128, 81, 128
Decimal	8409472
CIE _{Lab}	41.27, 27.73, -18.47
CIE _{LCh}	41, 33.322, 326.337
Yxy	12.0326, 0.3168, 0.2422
Android (android.graphics.Color)	4286599552 (0xFF805180)
YUV	100.4110, 13.6014, 24.1956
Hunter-Lab	34.6880, 20.2962, -13.1763

Details

The Hex color **805180** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **518051**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B683B5**, and **4E224F** is the 20% darker color. If you saturate the color by 10%, you get **804480**, and if you desaturate by 10%, it is **805E80**.

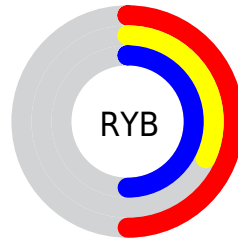
Distribution



Red (50%)

Green (32%)

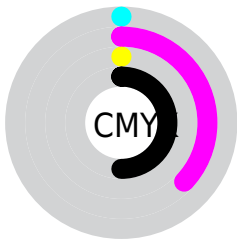
Blue (50%)



Red (50%)

Yellow (32%)

Blue (50%)

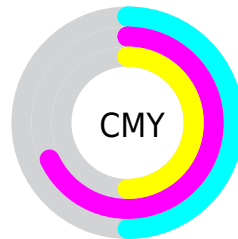


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (50%)



Cyan (50%)

Magenta (68%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 805180 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 805180 by changing the saturation by 10% instead.

 805180

 805180

FFFFFF

 663967

 B683B5

 4E224F

 D29ED1

 360B38

 EEB9ED

 230022

 FFD5FF

 000008

 FFF1FF

 000000

 805180

 805180

 804480

 805E80

 803780

 806B80

 802B80

 807780

 801E80

 808480

 801180

 809180

 800480

 809E80

 800080

 80AB80

 80B780

 80C480

Harmonies

Analogous

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



5E5B92



805180



924B66

Triad

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



805180



755F29



006F79

Complementary

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



805180



518051

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.



006F5D



805180



59672E

Square

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



805180



895534



386C42



006C8E

Rectangle

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



805180



954B53



386C42



006F70

Sweetspot

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



805180



A694A6



515180



544954



D4D4D4



545454

Same Dimension

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



805180



A65DA6



805169



403940



800080



000000

Inverse Universe

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



805180



A65DA6



518069



403940



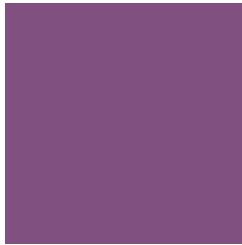
800080



000000

Previews

White Background



This preview shows how the Hex color 805180 looks on a white background.

Color Contrast Check

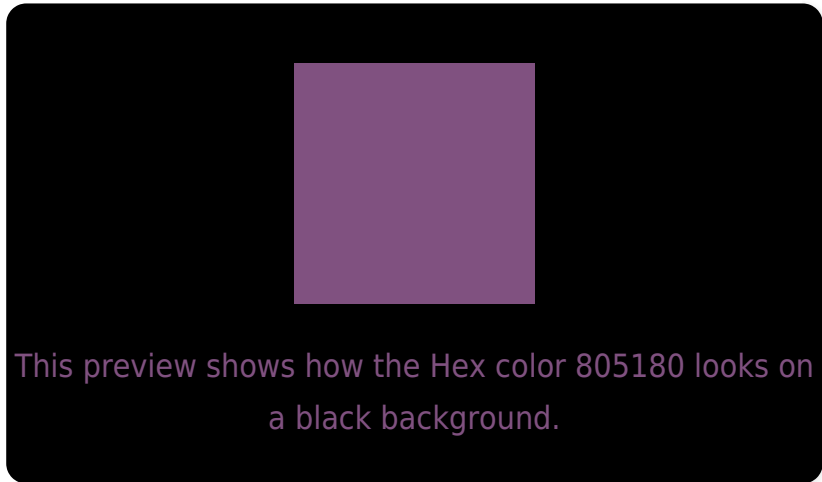
Large Text (above 18pt) WCAG AA ✓ Pass

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

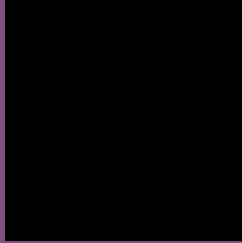
Any Text WCAG AA × Fail

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 805180 Background



This preview shows how black text looks on a background with the Hex color 805180.

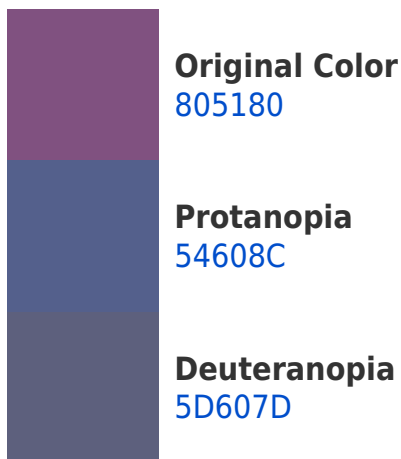


This preview shows how white text looks on a background with the Hex color 805180.

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
7C585F

Trichromacy



Original Color
805180

Protanomaly
645B88

Deuteranomaly
6A5B7E

Tritanomaly
7D556B

Monochromacy



Original Color
805180

Achromatopsia
646464

Achromatomaly
6E5D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 805180 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 #805180 looks like.

```
.text, #text, p{  
    color:#805180  
}
```

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 #805180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805180
}
```

Border

The CSS property to change the border of an element to Hex 805180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

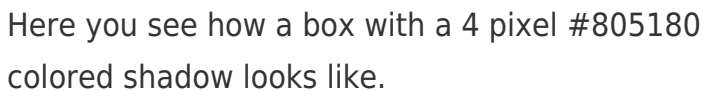
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805180 }
```

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

```
.border{ border-color:#805180 }
```

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



Here you see how a box with a 4 pixel #805180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805180; -webkit-box-shadow:4px 4px  
4px 4px #805180; box-shadow:4px 4px 4px  
4px #805180 }
```

Background

The CSS property to change the background color of an element to Hex 805180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805180 }
```

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

```
.background{ background-color:#805180 }
```

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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