

Converting Colors

Hex(804380)

Have a look what the booklet for
Hex(804380) contains.

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Color

Hex(804380)

Conversions

Conversions Part 1

Format	Color
Hex	804380
RGB	128, 67, 128
RGB Percent	50%, 26%, 50%
CMY	0.4980, 0.7373, 0.4980
CMYK	0.00, 0.48, 0.00, 0.50
HSL	300°, 31%, 38%
HSV	300°, 48%, 50%
XYZ	14.8055, 10.1620, 21.6032
YIQ	92.1930, 16.7750, 31.9030

Conversions

Conversions Part 2

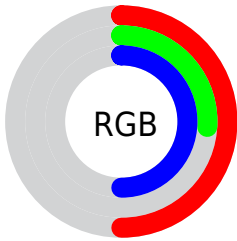
Format	Color
R_{YB}	128, 67, 128
Decimal	8405888
CIE _{Lab}	38.13, 35.70, -23.32
CIE _{LCh}	38, 42.643, 326.850
Yxy	10.1620, 0.3179, 0.2182
Android (android.graphics.Color)	4286595968 (0xFF804380)
YUV	92.1930, 17.6529, 31.4027
Hunter-Lab	31.8779, 27.1170, -17.8654

Details

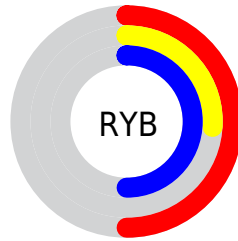
The Hex color **804380** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **438043**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B675B5**, and **4D124F** is the 20% darker color. If you saturate the color by 10%, you get **803680**, and if you desaturate by 10%, it is **805080**.

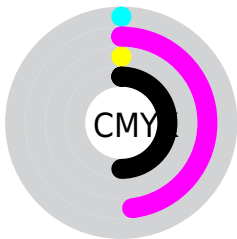
Distribution



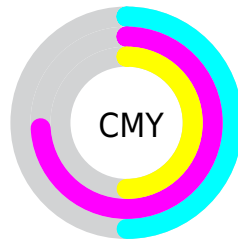
- Red (50%)
- Green (26%)
- Blue (50%)



- Red (50%)
- Yellow (26%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804380 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 804380 by changing the saturation by 10% instead.

804380

804380

FFFFFF

662B67

B675B5

4D124F

D290D1

340037

EFABED

200022

FFC6FF

000007

FFE3FF

000000

804380

804380

803680

805080

802980

805D80

801D80

806980

801080

807680

800380

808380

800080

809080

809D80

80A980

80B680

Harmonies

Analogous

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



535298



804380



95395F

Triad

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



804380



6F570C



006A78

Complementary

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



804380



438043

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.



006A55



804380



4D6115

Square

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



804380



88491F



1B6732



006793

Rectangle

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



804380



983A48



1B6732



006A6D

Sweetspot

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



804380



A68FA6



434380



544654



D4D4D4



545454

Same Dimension

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



804380



A647A6



804362



403940



800080



000000

Inverse Universe

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



804380



A647A6



438062



403940



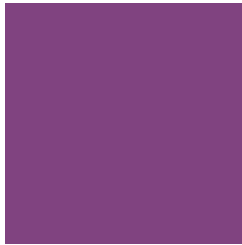
800080



000000

Previews

White Background



This preview shows how the Hex color 804380 looks on a white background.

Color Contrast Check

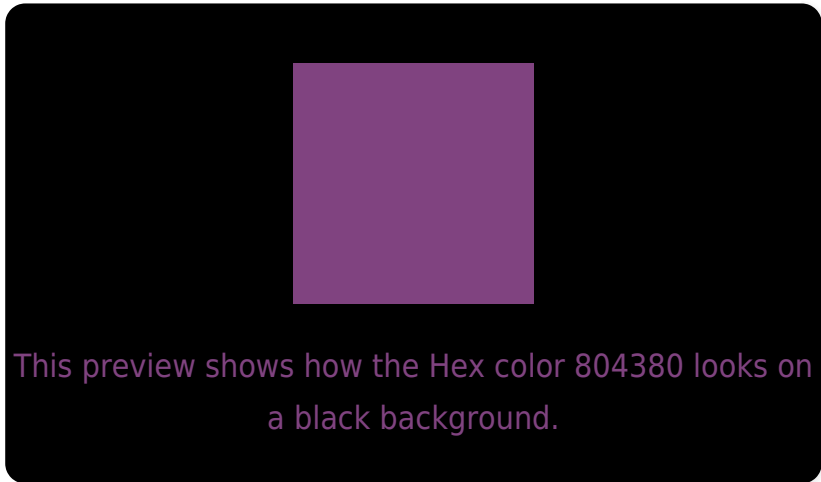
Large Text (above 18pt) WCAG AA ✓ Pass

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

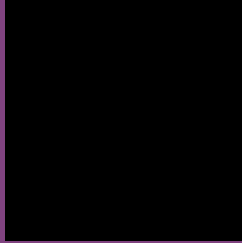
Any Text WCAG AA × Fail

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 804380 Background



This preview shows how black text looks on a background with the Hex color 804380.



This preview shows how white text looks on a background with the Hex color 804380.

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
7A4E53

Trichromacy



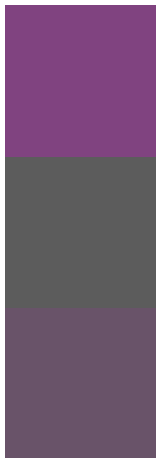
Original Color
804380

Protanomaly
5A508B

Deuteranomaly
61517D

Tritanomaly
7C4A63

Monochromacy



Original Color
804380

Achromatopsia
5C5C5C

Achromatomaly
695369

CSS Examples

Text

The CSS property to change the color of the text to Hex 804380 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 #804380 looks like.

```
.text, #text, p{  
    color:#804380  
}
```

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 #804380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804380
}
```

Border

The CSS property to change the border of an element to Hex 804380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

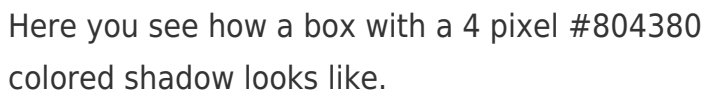
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804380 }
```

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

```
.border{ border-color:#804380 }
```

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



Here you see how a box with a 4 pixel #804380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804380; -webkit-box-shadow:4px 4px  
4px 4px #804380; box-shadow:4px 4px 4px  
4px #804380 }
```

Background

The CSS property to change the background color of an element to Hex 804380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804380 }
```

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

```
.background{ background-color:#804380 }
```

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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