

Converting Colors

Hex(8380AB)

Have a look what the booklet for
Hex(8380AB) contains.

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Color

Hex(8380AB)

Conversions

Conversions Part 1

Format	Color
Hex	8380AB
RGB	131, 128, 171
RGB Percent	51%, 50%, 67%
CMY	0.4863, 0.4980, 0.3294
CMYK	0.23, 0.25, 0.00, 0.33
HSL	244°, 20%, 59%
HSV	244°, 25%, 67%
XYZ	24.4299, 23.2039, 41.7193
YIQ	133.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

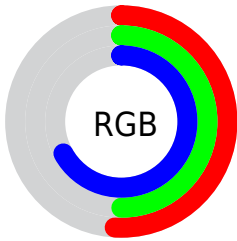
Format	Color
RYB	131, 128, 171
Decimal	8618155
CIELab	55.28, 10.66, -22.36
CIELCh	55, 24.773, 295.478
Yxy	23.2039, 0.2734, 0.2597
Android (android.graphics.Color)	4286808235 (0xFF8380AB)
YUV	133.7990, 18.3401, -2.4547
Hunter-Lab	48.1704, 6.2291, -17.6304

Details

The Hex color **8380AB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A8AB80**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B9B5E2**, and **514F77** is the 20% darker color. If you saturate the color by 10%, you get **736FAB**, and if you desaturate by 10%, it is **9391AB**.

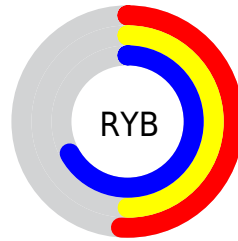
Distribution



Red (51%)

Green (50%)

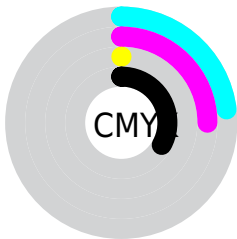
Blue (67%)



Red (51%)

Yellow (50%)

Blue (67%)

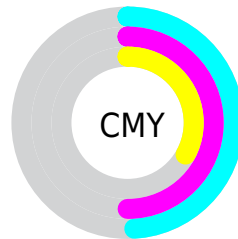


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8380AB 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 8380AB by changing the saturation by 10% instead.

■ 8380AB

■ 8380AB

FFFFFF

■ 696790

■ B9B5E2

■ 514F77

■ D5D0FF

■ 39385E

■ F1EDFF

■ 222346

■ 0B0E2F

■ 00011A

■ 000000

■ 8380AB

■ 8380AB

■ 736FAB

■ 9391AB

635EAB

A3A2AB

534DAB

B3B3AB

433CAB

C3C4AB

332BAB

D3D5AB

2419AB

E2E7AB

1408AB

F2F8AB

0C00AB

FFFFAB

Harmonies

Analogous

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



6487AF



8380AB



9D799D

Triad

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



8380AB



A77B62



4F9080

Complementary

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



8380AB



A8AB80

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.



688E6B



8380AB



97825A

Square

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



8380AB



AF7573



80895D



409096

Rectangle

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



8380AB



A87690



80895D



578F79

Sweetspot

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



8380AB



CDCCDE



80A8AB



666570



F0F0F0



707070

Same Dimension

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



8380AB



A09BDE



9880AB



4F4E57



0A0096



020017

Inverse Universe

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



AB80A8



DE9BD9



93AB80



574E56



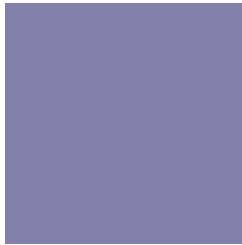
96008C



170015

Previews

White Background



This preview shows how the Hex color 8380AB looks on a white background.

Color Contrast Check

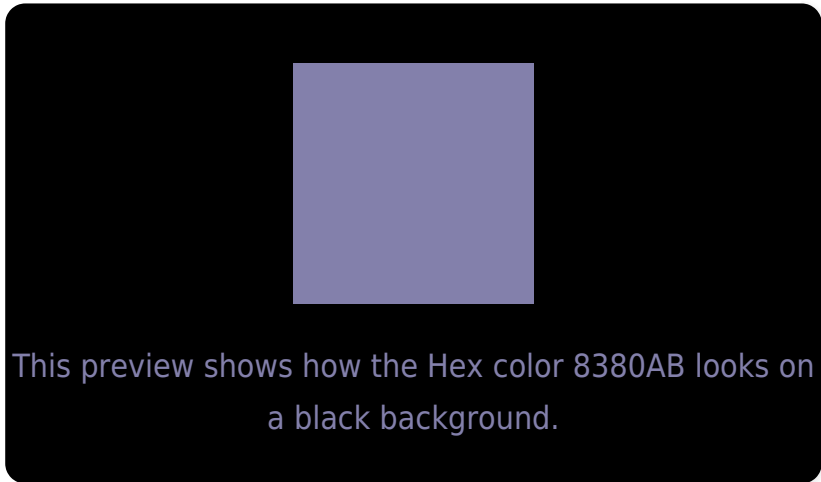
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

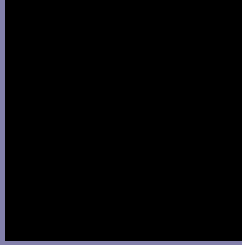
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8380AB Background



This preview shows how black text looks on a background with the Hex color 8380AB.



This preview shows how white text looks on a background with the Hex color 8380AB.

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
8380AB

Protanopia
7983AD

Deuteranopia
7D82AB



Tritanopia
7E8590

Trichromacy



Original Color
8380AB

Protanomaly
7D82AC

Deuteranomaly
7F81AB

Tritanomaly
80839A

Monochromacy



Original Color
8380AB

Achromatopsia
868686

Achromatomaly
858493

CSS Examples

Text

The CSS property to change the color of the text to Hex 8380AB 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 #8380AB looks like.

```
.text, #text, p{  
    color:#8380AB  
}
```

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 #8380AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8380AB
}
```

Border

The CSS property to change the border of an element to Hex 8380AB 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
#8380AB }
```

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

```
.border{ border-color:#8380AB }
```

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

Here you see how a box with a 4 pixel #8380AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8380AB; -webkit-box-shadow:4px 4px  
4px 4px #8380AB; box-shadow:4px 4px 4px  
4px #8380AB }
```

Background

The CSS property to change the background color of an element to Hex 8380AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8380AB }
```

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

```
.background{ background-color:#8380AB }
```

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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