

Converting Colors

Hex(8052AF)

Have a look what the booklet for
Hex(8052AF) contains.

Hex(8052AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8052AF)

Conversions

Conversions Part 1

Format	Color
Hex	8052AF
RGB	128, 82, 175
RGB Percent	50%, 32%, 69%
CMY	0.4980, 0.6784, 0.3137
CMYK	0.27, 0.53, 0.00, 0.31
HSL	270°, 37%, 50%
HSV	270°, 53%, 69%
XYZ	19.6572, 13.7189, 42.1694
YIQ	106.3560, -2.4370, 38.6750

Conversions

Conversions Part 2

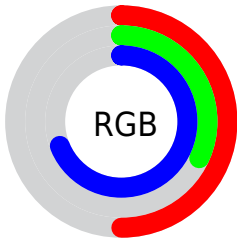
Format	Color
R_{YB}	128, 82, 175
Decimal	8409775
CIE _{Lab}	43.83, 37.81, -42.63
CIE _{LCh}	44, 56.985, 311.569
Yxy	13.7189, 0.2602, 0.1816
Android (android.graphics.Color)	4286599855 (0xFF8052AF)
YUV	106.3560, 33.8415, 18.9818
Hunter-Lab	37.0391, 29.9145, -41.5750

Details

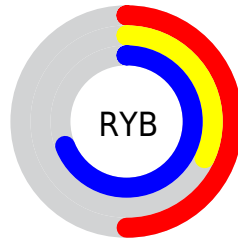
The Hex color **8052AF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **81AF52**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B785E7**, and **4B227A** is the 20% darker color. If you saturate the color by 10%, you get **7741AF**, and if you desaturate by 10%, it is **8964AF**.

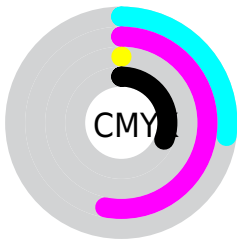
Distribution



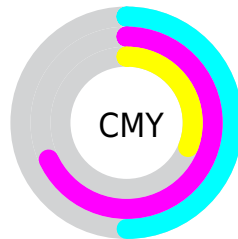
- Red (50%)
- Green (32%)
- Blue (69%)



- Red (50%)
- Yellow (32%)
- Blue (69%)



- Cyan (27%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (68%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8052AF 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 8052AF by changing the saturation by 10% instead.

8052AF

8052AF

FFFFFF

653A94

B785E7

4B227A

D39FFF

310960

F1BBFF

180048

FFD7FF

000031

FFF3FF

00011B

000000

8052AF

8052AF

7741AF

8964AF

6E2FAF

9275AF

651EAF

9B87AF

5D0CAF

A398AF

5700AF

ACAAAF

B5BBAF

BECDAF

C7DEAF

D0F0AF

Harmonies

Analogous

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



0067C5



8052AF



AD3B87

Triad

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



8052AF



955A00



007D79

Complementary

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



8052AF



81AF52

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.



007B48



8052AF



6C6B00

Square

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



8052AF



B1452A



367617



007BA6

Rectangle

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



8052AF



B93367



367617



007D69

Sweetspot

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



8052AF



D1BFE3



5282AF



685D73



F2F2F2



737373

Same Dimension

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



8052AF



9A52E3



AD52AF



524E57



4A0096



0B0017

Inverse Universe

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



AF5281



E3529B



54AF52



574E52



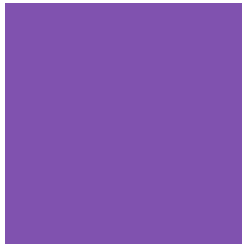
96004C



17000C

Previews

White Background



This preview shows how the Hex color 8052AF looks on a white background.

Color Contrast Check

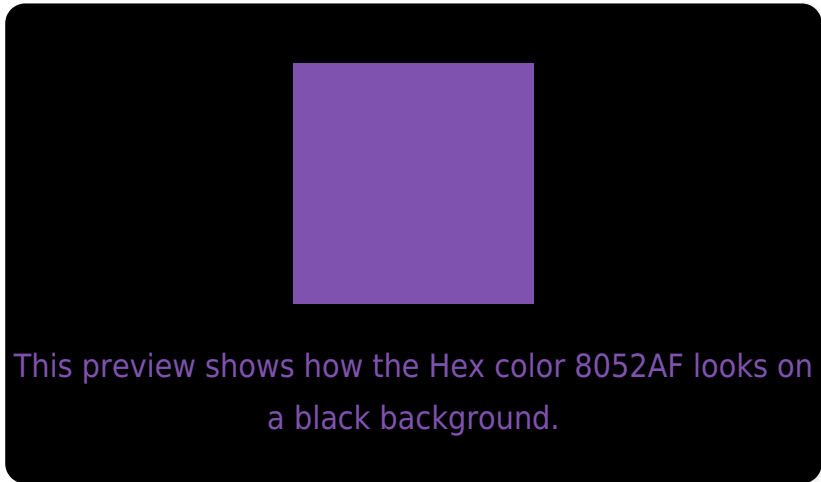
Large Text (above 18pt) WCAG AA ✓ Pass

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

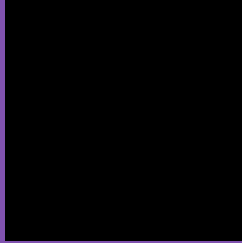
Any Text WCAG AA × Fail

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 8052AF Background



This preview shows how black text looks on a background with the Hex color 8052AF.

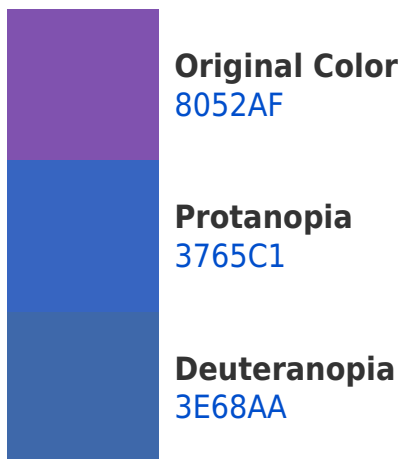


This preview shows how white text looks on a background with the Hex color 8052AF.

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](#).

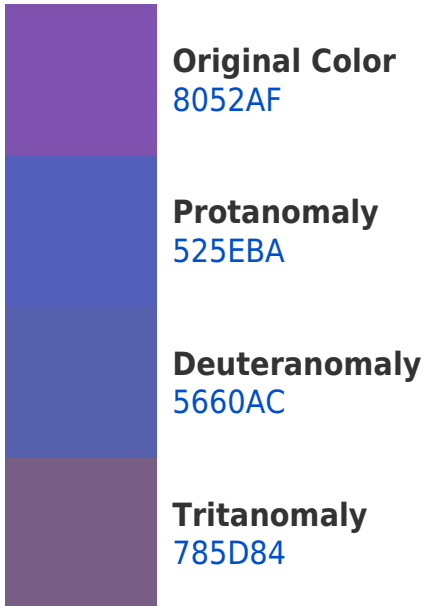
Dichromacy



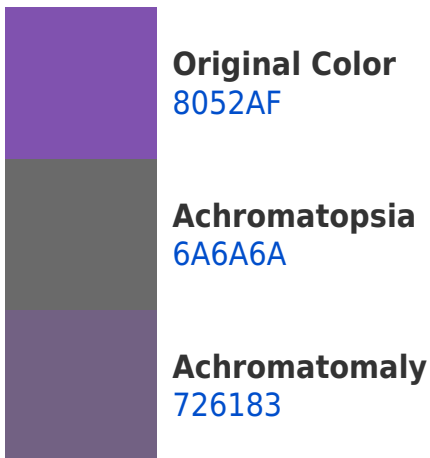


Tritanopia
74636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8052AF 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 #8052AF looks like.

```
.text, #text, p{  
    color:#8052AF  
}
```

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 #8052AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8052AF
}
```

Border

The CSS property to change the border of an element to Hex 8052AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

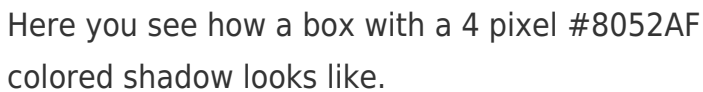
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8052AF }
```

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

```
.border{ border-color:#8052AF }
```

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



Here you see how a box with a 4 pixel #8052AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8052AF; -webkit-box-shadow:4px 4px  
4px 4px #8052AF; box-shadow:4px 4px 4px  
4px #8052AF }
```

Background

The CSS property to change the background color of an element to Hex 8052AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8052AF }
```

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

```
.background{ background-color:#8052AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor