

Converting Colors

Hex(8A468C)

Have a look what the booklet for
Hex(8A468C) contains.

Hex(8A468C)	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(8A468C)

Conversions

Conversions Part 1

Format	Color
Hex	8A468C
RGB	138, 70, 140
RGB Percent	54%, 27%, 55%
CMY	0.4588, 0.7255, 0.4510
CMYK	0.01, 0.50, 0.00, 0.45
HSL	298°, 33%, 41%
HSV	298°, 50%, 55%
XYZ	17.4050, 11.6770, 26.1475
YIQ	98.3120, 18.0580, 36.1860

Conversions

Conversions Part 2

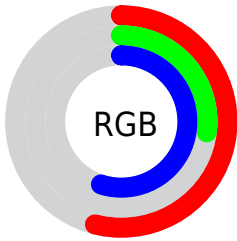
Format	Color
R_{YB}	138, 70, 140
Decimal	9062028
CIE _{Lab}	40.70, 39.54, -26.56
CIE _{LCh}	41, 47.635, 326.114
Yxy	11.6770, 0.3151, 0.2114
Android (android.graphics.Color)	4287252108 (0xFF8A468C)
YUV	98.3120, 20.5522, 34.8064
Hunter-Lab	34.1717, 31.1168, -21.4473

Details

The Hex color **8A468C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **488C46**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C179C2**, and **56135A** is the 20% darker color. If you saturate the color by 10%, you get **8A388C**, and if you desaturate by 10%, it is **8A548C**.

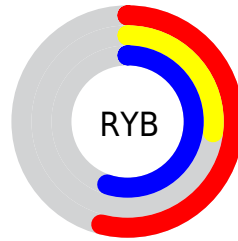
Distribution



Red (54%)

Green (27%)

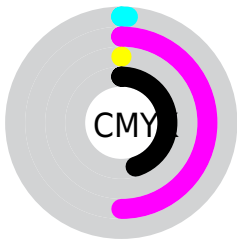
Blue (55%)



Red (54%)

Yellow (27%)

Blue (55%)

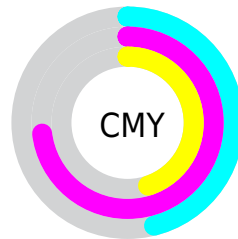


Cyan (1%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A468C 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 8A468C by changing the saturation by 10% instead.

8A468C

8A468C

FFFFFF

702D72

C179C2

56135A

DE94DE

3D0042

FBAFFB

28002C

FFCBFF

000116

FFE7FF

000000

8A468C

8A468C

8A388C

8A548C

892A8C

8B628C

 891C8C

 8B708C

 880E8C

 8C7E8C

 88008C

 8C8C8C

 8C9A8C

 8DA88C

 8DB68C

 8EC48C

Harmonies

Analogous

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



5658A6



8A468C



A23967

Triad

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



8A468C



775C03



007281

Complementary

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



8A468C



488C46

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.



007259



8A468C



52680F

Square

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



8A468C



944D1E



166F32



006FA0

Rectangle

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



8A468C



A63A4D



166F32



007274

Sweetspot

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



8A468C



B49AB5



46488C



5B4B5C



DBDBDB



5C5C5C

Same Dimension

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



8A468C



B248B5



8C466B



453E45



810085



050005

Inverse Universe

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



8C4648



B5484C



468C67



453E3E



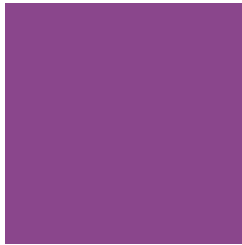
850004



050000

Previews

White Background



This preview shows how the Hex color 8A468C looks on a white background.

Color Contrast Check

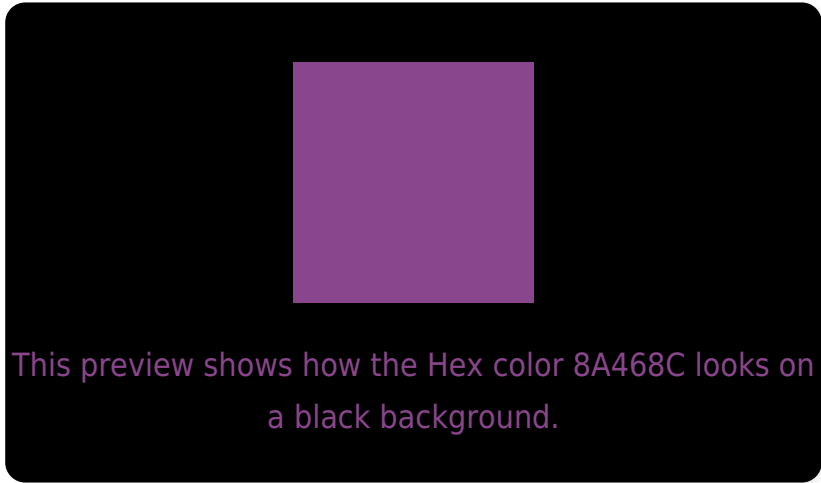
Large Text (above 18pt) WCAG AA ✓ Pass

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

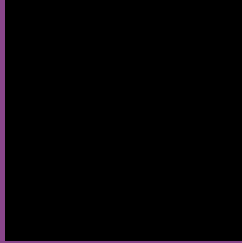
Any Text WCAG AA × Fail

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 8A468C Background



This preview shows how black text looks on a background with the Hex color 8A468C.

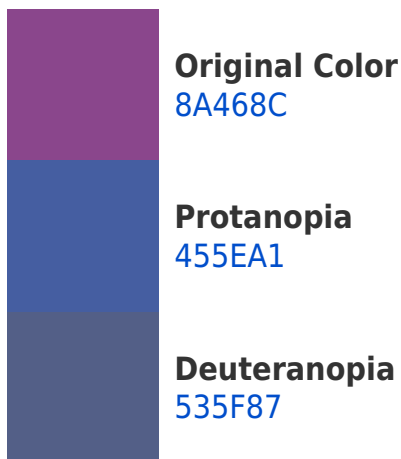


This preview shows how white text looks on a background with the Hex color 8A468C.

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](#).

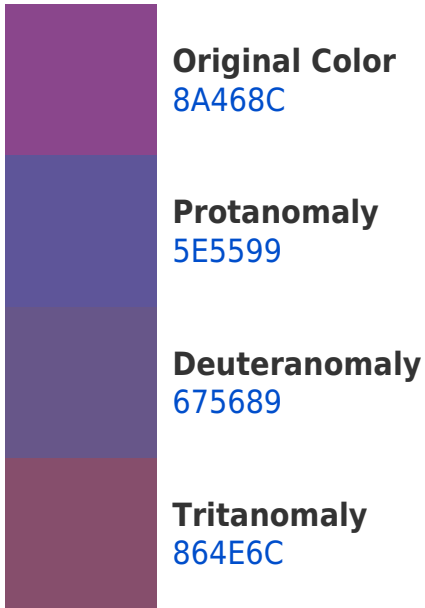
Dichromacy



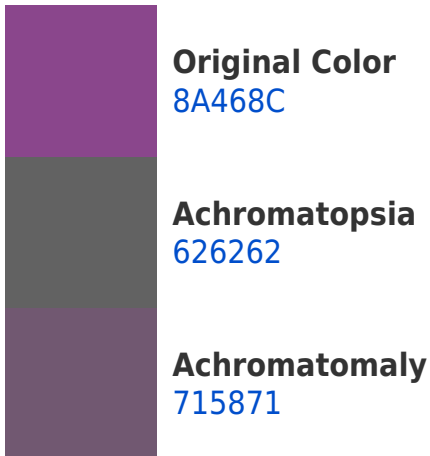


Tritanopia
845259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A468C 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 #8A468C looks like.

```
.text, #text, p{  
    color:#8A468C  
}
```

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 #8A468C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A468C
}
```

Border

The CSS property to change the border of an element to Hex 8A468C is called "border". The border property can be set on classes, ids or directly on the HTML element.

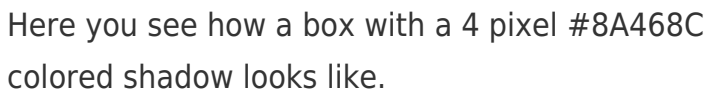
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A468C }
```

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

```
.border{ border-color:#8A468C }
```

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



Here you see how a box with a 4 pixel #8A468C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A468C; -webkit-box-shadow:4px 4px  
4px 4px #8A468C; box-shadow:4px 4px 4px  
4px #8A468C }
```

Background

The CSS property to change the background color of an element to Hex 8A468C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A468C }
```

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

```
.background{ background-color:#8A468C }
```

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