

Converting Colors

Hex(8078BE)

Have a look what the booklet for
Hex(8078BE) contains.

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Color

Hex(8078BE)

Conversions

Conversions Part 1

Format	Color
Hex	8078BE
RGB	128, 120, 190
RGB Percent	50%, 47%, 75%
CMY	0.4980, 0.5294, 0.2549
CMYK	0.33, 0.37, 0.00, 0.25
HSL	247°, 35%, 61%
HSV	247°, 37%, 75%
XYZ	24.9128, 21.7398, 51.5984
YIQ	130.3720, -17.7020, 23.4660

Conversions

Conversions Part 2

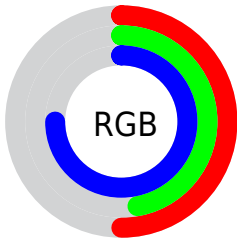
Format	Color
RYB	128, 120, 190
Decimal	8419518
CIELab	53.75, 19.34, -35.67
CIELCh	54, 40.575, 298.467
Yxy	21.7398, 0.2536, 0.2213
Android (android.graphics.Color)	4286609598 (0xFF8078BE)
YUV	130.3720, 29.3966, -2.0802
Hunter-Lab	46.6260, 13.7791, -32.9747

Details

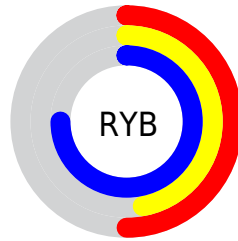
The Hex color **8078BE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B6BE78**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B7ACF7**, and **4C4888** is the 20% darker color. If you saturate the color by 10%, you get **6F65BE**, and if you desaturate by 10%, it is **918BBE**.

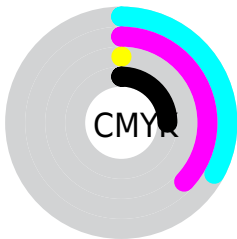
Distribution



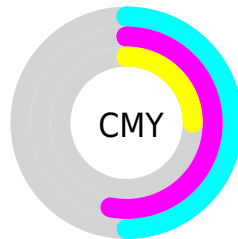
- Red (50%)
- Green (47%)
- Blue (75%)



- Red (50%)
- Yellow (47%)
- Blue (75%)



- Cyan (33%)
- Magenta (37%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8078BE 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 8078BE by changing the saturation by 10% instead.

■ 8078BE

■ 8078BE

FFFFFF

■ 665FA3

■ B7ACF7

■ 4C4888

■ D3C8FF

■ 32316F

■ F0E4FF

■ 171C56

■ 00043E

■ 000328

■ 000111

■ 000000

■ 8078BE

■ 8078BE

6F65BE

918BBE

5E52BE

A29EBE

4E3FBE

B2B1BE

3D2CBE

C3C4BE

2C19BE

D4D7BE

1B06BE

E5EABE

1600BE

F6FDBE

FFFFBE

Harmonies

Analogous

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



3D85C6



8078BE



AA6BA6

Triad

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



8078BE



B27145



00927D

Complementary

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



8078BE



B6BE78

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.



488F5A



8078BE



977E38

Square

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



8078BE



C16661



748841



0092A1

Rectangle

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



8078BE



BB658F



748841



159171

Sweetspot

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



8078BE



DFDCF7



78B7BE



6F6D7D



FCFCFC



7D7D7D

Same Dimension

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



8078BE



978BF7



A278BE



56555E



12009E



03001F

Inverse Universe

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



BE78B6



F78BEB



94BE78



5E555D



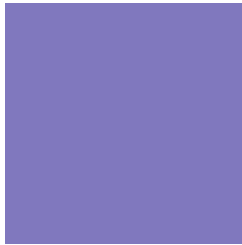
9E008C



1F001B

Previews

White Background



This preview shows how the Hex color 8078BE looks on a white background.

Color Contrast Check

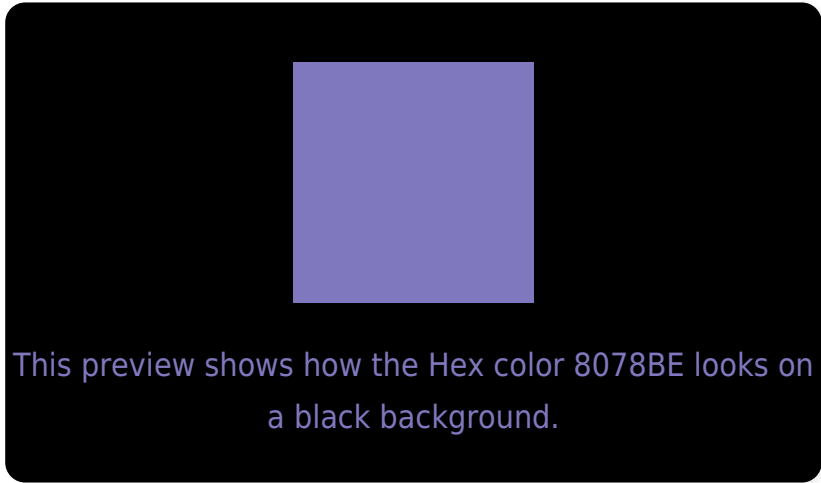
Large Text (above 18pt) WCAG AA ✓ Pass

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 8078BE Background



This preview shows how black text looks on a background with the Hex color 8078BE.



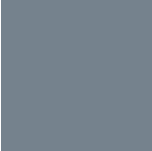
This preview shows how white text looks on a background with the Hex color 8078BE.

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
75828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8078BE 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 #8078BE looks like.

```
.text, #text, p{  
    color:#8078BE  
}
```

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 #8078BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8078BE
}
```

Border

The CSS property to change the border of an element to Hex 8078BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

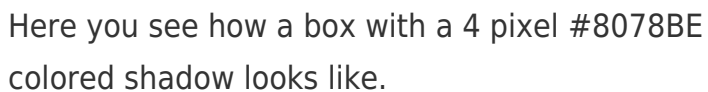
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8078BE }
```

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

```
.border{ border-color:#8078BE }
```

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



Here you see how a box with a 4 pixel #8078BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8078BE; -webkit-box-shadow:4px 4px  
4px 4px #8078BE; box-shadow:4px 4px 4px  
4px #8078BE }
```

Background

The CSS property to change the background color of an element to Hex 8078BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8078BE }
```

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

```
.background{ background-color:#8078BE }
```

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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