

Converting Colors

Hex(8167BE)

Have a look what the booklet for
Hex(8167BE) contains.

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Color

Hex(8167BE)

Conversions

Conversions Part 1

Format	Color
Hex	8167BE
RGB	129, 103, 190
RGB Percent	51%, 40%, 75%
CMY	0.4941, 0.5961, 0.2549
CMYK	0.32, 0.46, 0.00, 0.25
HSL	258°, 40%, 57%
HSV	258°, 46%, 75%
XYZ	23.1978, 18.0853, 50.9834
YIQ	120.6920, -12.4310, 32.5690

Conversions

Conversions Part 2

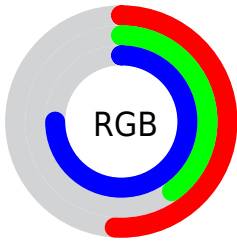
Format	Color
R_{YB}	129, 103, 190
Decimal	8480702
CIE Lab	49.60, 29.71, -42.20
CIE LCh	50, 51.613, 305.147
Yxy	18.0853, 0.2514, 0.1960
Android (android.graphics.Color)	4286670782 (0xFF8167BE)
YUV	120.6920, 34.1688, 7.2861
Hunter-Lab	42.5268, 22.9471, -41.3111

Details

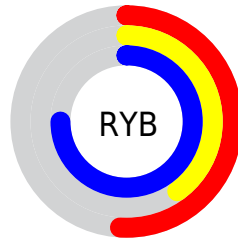
The Hex color **8167BE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A4BE67**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B89BF7**, and **4C3788** is the 20% darker color. If you saturate the color by 10%, you get **7454BE**, and if you desaturate by 10%, it is **8E7ABE**.

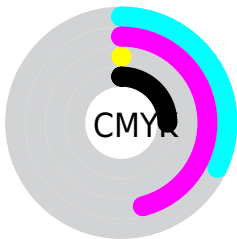
Distribution



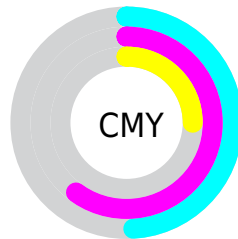
- Red (51%)
- Green (40%)
- Blue (75%)



- Red (51%)
- Yellow (40%)
- Blue (75%)



- Cyan (32%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8167BE 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 8167BE by changing the saturation by 10% instead.

■ 8167BE

■ 8167BE

FFFFFF

■ 664FA3

■ B89BF7

■ 4C3788

■ D5B5FF

■ 32216E

■ F2D1FF

■ 150C55

■ FFEEFF

■ 00003E

■ 000327

■ 000110

■ 000000

■ 8167BE

■ 8167BE

7454BE

8E7ABE

6641BE

9C8DBE

592EBE

A9A0BE

4C1BBE

B6B3BE

3E08BE

C4C6BE

3900BE

D1D9BE

DEECBE

ECFFBE

F9FFBE

Harmonies

Analogous

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



0F79CD



8167BE



B1549C

Triad

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



8167BE



A96623



008B7C

Complementary

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



8167BE



A4BE67

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.



00884F



8167BE



857612

Square

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



8167BE



C05446



588228



008AA7

Rectangle

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



8167BE



C14D7F



588228



008A6D

Sweetspot

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



8167BE



DFD5F7



67A5BE



6E687D



FCFCFC



7D7D7D

Same Dimension

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



8167BE



986FF7



AB67BE



58555E



2F009E



09001F

Inverse Universe

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



BE67A4



F76FCF



7ABE67



5E555C



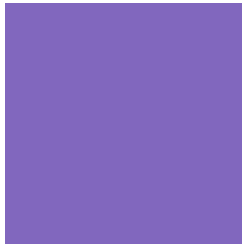
9E006F



1F0015

Previews

White Background



This preview shows how the Hex color 8167BE looks on a white background.

Color Contrast Check

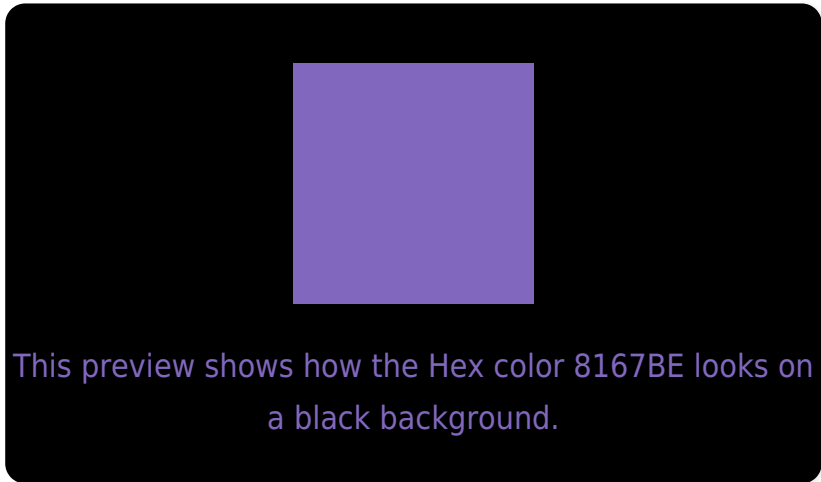
Large Text (above 18pt) WCAG AA ✓ Pass

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

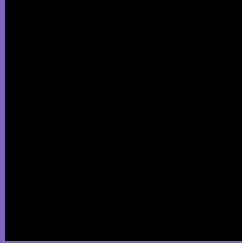
Any Text WCAG AA ✓ Pass

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 8167BE Background



This preview shows how black text looks on a background with the Hex color 8167BE.

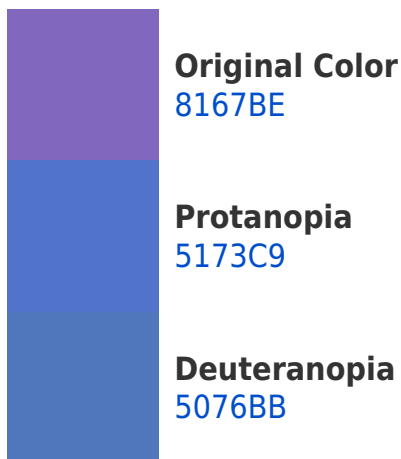


This preview shows how white text looks on a background with the Hex color 8167BE.

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](#).

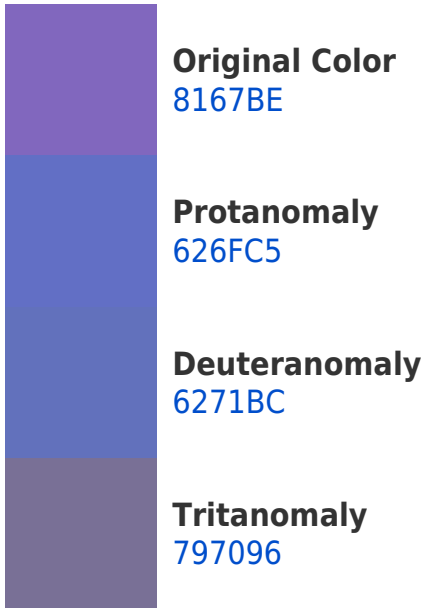
Dichromacy



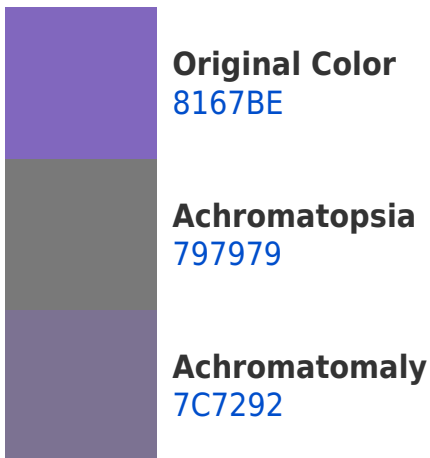


Tritanopia
74757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8167BE 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 #8167BE looks like.

```
.text, #text, p{  
    color:#8167BE  
}
```

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 #8167BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8167BE  
}
```

Border

The CSS property to change the border of an element to Hex 8167BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

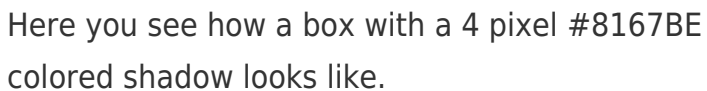
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8167BE }
```

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

```
.border{ border-color:#8167BE }
```

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



Here you see how a box with a 4 pixel #8167BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8167BE; -webkit-box-shadow:4px 4px  
4px 4px #8167BE; box-shadow:4px 4px 4px  
4px #8167BE }
```

Background

The CSS property to change the background color of an element to Hex 8167BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8167BE }
```

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

```
.background{ background-color:#8167BE }
```

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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