

Converting Colors

Hex(8163BE)

Have a look what the booklet for
Hex(8163BE) contains.

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Color

Hex(8163BE)

Conversions

Conversions Part 1

Format	Color
Hex	8163BE
RGB	129, 99, 190
RGB Percent	51%, 39%, 75%
CMY	0.4941, 0.6118, 0.2549
CMYK	0.32, 0.48, 0.00, 0.25
HSL	260°, 41%, 57%
HSV	260°, 48%, 75%
XYZ	22.8094, 17.3085, 50.8539
YIQ	118.3440, -11.3310, 34.6610

Conversions

Conversions Part 2

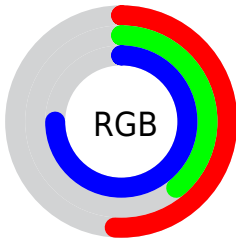
Format	Color
R _Y B	129, 99, 190
Decimal	8479678
CIE Lab	48.65, 32.07, -43.71
CIE LCh	49, 54.214, 306.261
Yxy	17.3085, 0.2507, 0.1903
Android (android.graphics.Color)	4286669758 (0xFF8163BE)
YUV	118.3440, 35.3264, 9.3453
Hunter-Lab	41.6035, 25.0575, -43.3505

Details

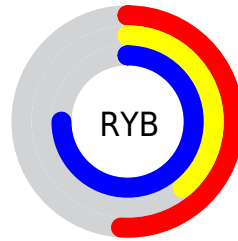
The Hex color **8163BE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **A0BE63**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B896F7**, and **4C3388** is the 20% darker color. If you saturate the color by 10%, you get **7450BE**, and if you desaturate by 10%, it is **8E76BE**.

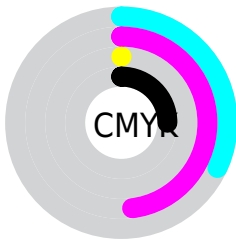
Distribution



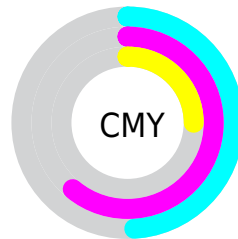
- Red (51%)
- Green (39%)
- Blue (75%)



- Red (51%)
- Yellow (39%)
- Blue (75%)



- Cyan (32%)
- Magenta (48%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (61%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8163BE 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 8163BE by changing the saturation by 10% instead.

■ 8163BE

■ 8163BE

FFFFFF

■ 664BA3

■ B896F7

■ 4C3388

■ D5B1FF

■ 311D6E

■ F2CDFF

■ 140755

■ FFE9FF

■ 00003E

■ 000327

■ 000110

■ 000000

■ 8163BE

■ 8163BE

7450BE

8E76BE

683DBE

9A89BE

5B2ABE

A79CBE

4E17BE

B4AFBE

4104BE

C1C2BE

3F00BE

CDD5BE

DAE8BE

E7FBBE

F4FFBE

Harmonies

Analogous

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



0076CF



8163BE



B24F99

Triad

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



8163BE



A7641A



00897C

Complementary

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



8163BE



A0BE63

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.



00864D



8163BE



817502

Square

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



8163BE



C05040



518022



0088A9

Rectangle

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



8163BE



C2467B



518022



00896C

Sweetspot

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



8163BE



E0D5F7



63A1BE



6F687D



FCFCFC



7D7D7D

Same Dimension

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



8163BE



996AF7



AD63BE



58555E



34009E



0A001F

Inverse Universe

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



BE63A0



F76AC9



74BE63



5E555B



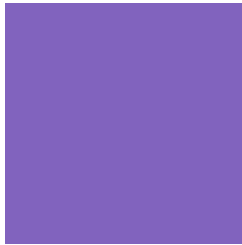
9E006A



1F0015

Previews

White Background



This preview shows how the Hex color 8163BE looks on a white background.

Color Contrast Check

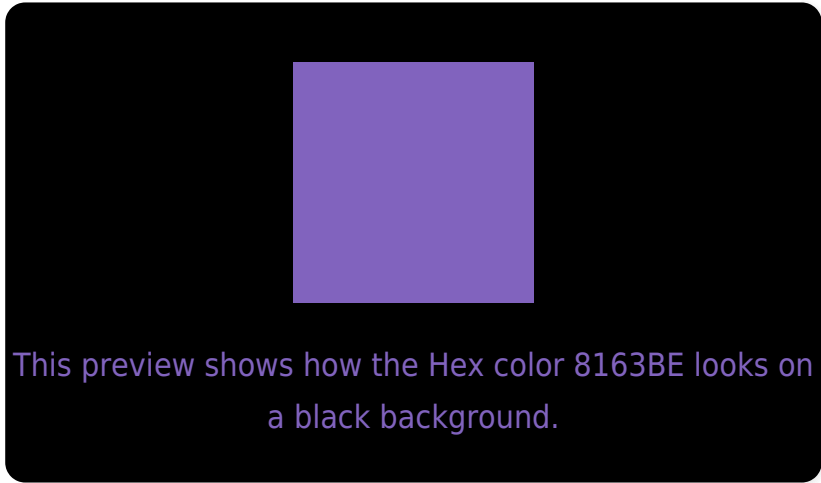
Large Text (above 18pt) WCAG AA ✓ Pass

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

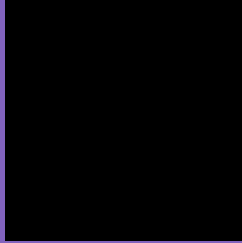
Any Text WCAG AA × Fail

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 8163BE Background



This preview shows how black text looks on a background with the Hex color 8163BE.

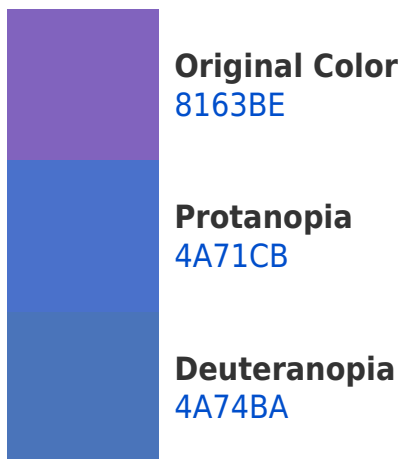



This preview shows how white text looks on a background with the Hex color 8163BE.

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](#).

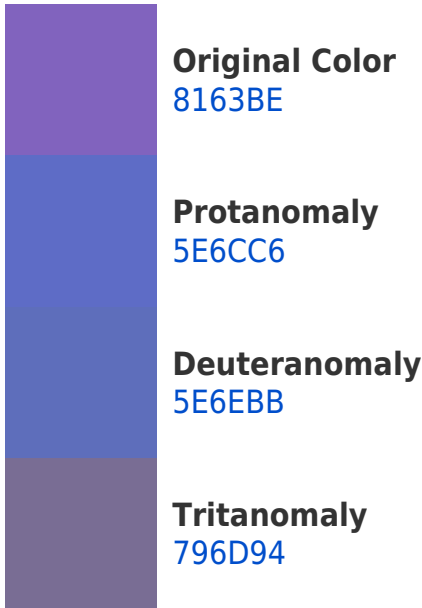
Dichromacy



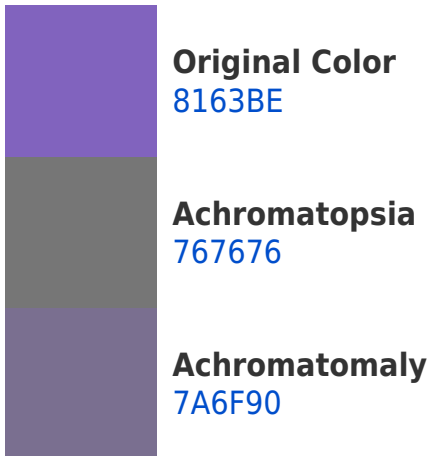


Tritanopia
74737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8163BE 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 #8163BE looks like.

```
.text, #text, p{  
    color:#8163BE  
}
```

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 #8163BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8163BE
}
```

Border

The CSS property to change the border of an element to Hex 8163BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

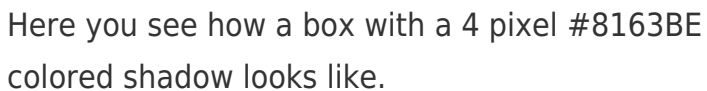
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8163BE }
```

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

```
.border{ border-color:#8163BE }
```

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



Here you see how a box with a 4 pixel #8163BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8163BE; -webkit-box-shadow:4px 4px  
4px 4px #8163BE; box-shadow:4px 4px 4px  
4px #8163BE }
```

Background

The CSS property to change the background color of an element to Hex 8163BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8163BE }
```

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

```
.background{ background-color:#8163BE }
```

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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