

Converting Colors

Hex(8768BE)

Have a look what the booklet for
Hex(8768BE) contains.

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Color

Hex(8768BE)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8768BE |
| RGB | 135, 104, 190 |
| RGB Percent | 53%, 41%, 75% |
| CMY | 0.4706, 0.5922, 0.2549 |
| CMYK | 0.29, 0.45, 0.00, 0.25 |
| HSL | 262°, 40%, 58% |
| HSV | 262°, 45%, 75% |
| XYZ | 24.2363, 18.7692, 51.0606 |
| YIQ | 123.0730, -9.1300, 33.3180 |

Conversions

Conversions Part 2

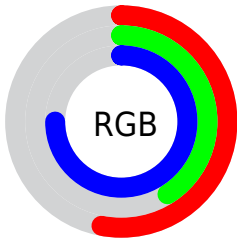
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 135, 104, 190 |
| Decimal | 8874174 |
| CIE _{Lab} | 50.42, 30.79, -40.87 |
| CIE _{LCh} | 50, 51.171, 306.988 |
| Yxy | 18.7692, 0.2577, 0.1995 |
| Android (android.graphics.Color) | 4287064254 (0xFF8768BE) |
| YUV | 123.0730, 32.9950, 10.4600 |
| Hunter-Lab | 43.3235, 24.0414, -39.5522 |

Details

The Hex color **8768BE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9FBE68**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BE9CF7**, and **523888** is the 20% darker color. If you saturate the color by 10%, you get **7B55BE**, and if you desaturate by 10%, it is **937BBE**.

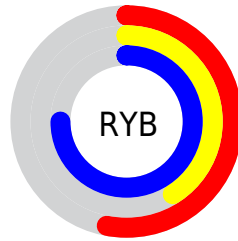
Distribution



Red (53%)

Green (41%)

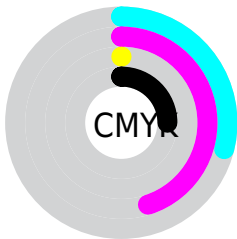
Blue (75%)



Red (53%)

Yellow (41%)

Blue (75%)

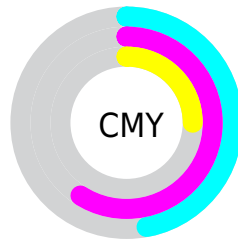


Cyan (29%)

Magenta (45%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (59%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8768BE 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 8768BE by changing the saturation by 10% instead.

8768BE

8768BE

FFFFFF

6C4FA3

BE9CF7

523888

DBB7FF

38216E

F8D3FF

1D0B55

FFEFFF

09003E

000327

000110

000000

8768BE

8768BE

7B55BE

937BBE

6F42BE

9F8EBE

632FBE

ABA1BE

561CBE

B8B4BE

4A09BE

C4C7BE

4400BE

D0DABE

DCEDBE

E8FFBE

F4FFBE

Harmonies

Analogous

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



287ACF



8768BE



B5569B

Triad

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



8768BE



A96924



008D81

Complementary

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



8768BE



9FBE68

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.



008A54



8768BE



857916

Square

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



8768BE



C15846



57842D



008CAB

Rectangle

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



8768BE



C34F7E



57842D



008C72

Sweetspot

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



8768BE



E1D5F7



68A0BE



6F687D



FCFCFC



7D7D7D

Same Dimension

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



8768BE



A272F7



B168BE



58555E



39009E



0B001F

Inverse Universe

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



BE689F



F772C7



75BE68



5E555B



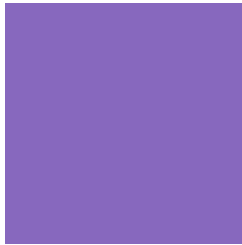
9E0065



1F0014

Previews

White Background



This preview shows how the Hex color 8768BE looks on a white background.

Color Contrast Check

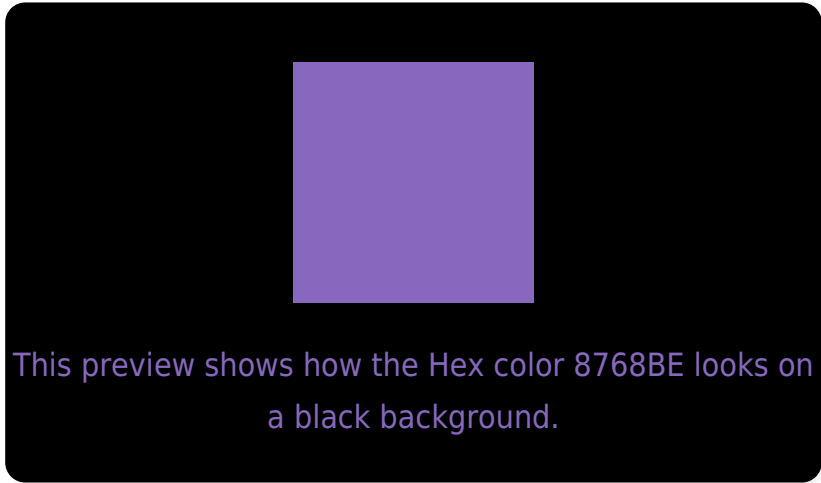
Large Text (above 18pt) WCAG AA ✓ Pass

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 8768BE Background



This preview shows how black text looks on a background with the Hex color 8768BE.

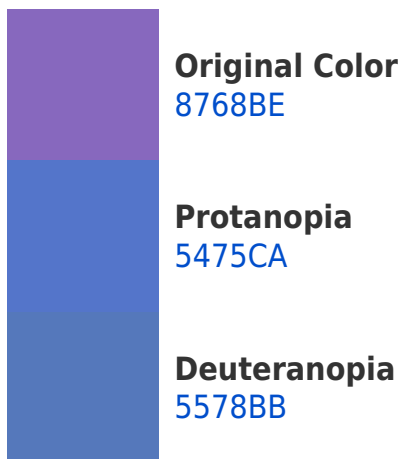


This preview shows how white text looks on a background with the Hex color 8768BE.

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](#).

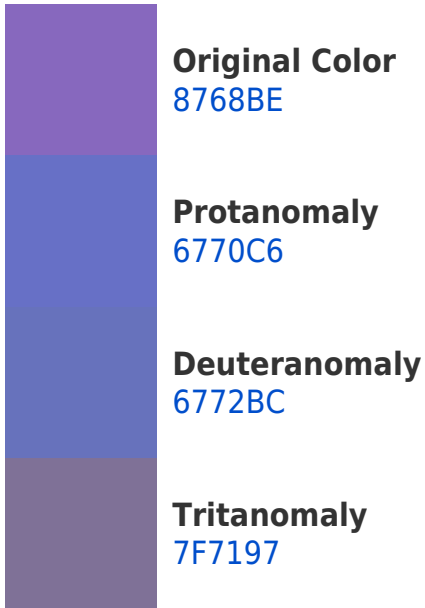
Dichromacy





Tritanopia
7B7680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8768BE 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 #8768BE looks like.

```
.text, #text, p{  
    color:#8768BE  
}
```

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 #8768BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8768BE
}
```

Border

The CSS property to change the border of an element to Hex 8768BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

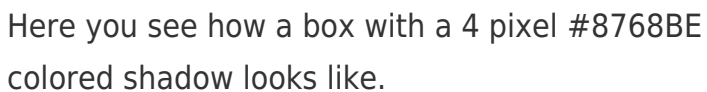
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8768BE }
```

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

```
.border{ border-color:#8768BE }
```

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



Here you see how a box with a 4 pixel #8768BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8768BE; -webkit-box-shadow:4px 4px  
4px 4px #8768BE; box-shadow:4px 4px 4px  
4px #8768BE }
```

Background

The CSS property to change the background color of an element to Hex 8768BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8768BE }
```

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

```
.background{ background-color:#8768BE }
```

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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