

# Converting Colors

Hex(8560B7)

Have a look what the booklet for  
Hex(8560B7) contains.

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# Color

**Hex(8560B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8560B7
RGB	133, 96, 183
RGB Percent	52%, 38%, 72%
CMY	0.4784, 0.6235, 0.2824
CMYK	0.27, 0.48, 0.00, 0.28
HSL	266°, 38%, 55%
HSV	266°, 48%, 72%
XYZ	22.4030, 16.7712, 46.8561
YIQ	116.9810, -5.8750, 34.9010

# Conversions

## Conversions Part 2

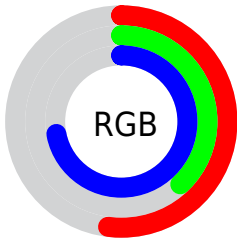
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 96, 183
Decimal	8741047
CIE <sub>Lab</sub>	47.97, 33.12, -40.70
CIE <sub>LCh</sub>	48, 52.477, 309.139
Yxy	16.7712, 0.2604, 0.1949
Android (android.graphics.Color)	4286931127 (0xFF8560B7)
YUV	116.9810, 32.5474, 14.0487
Hunter-Lab	40.9526, 25.9806, -39.1701

# Details

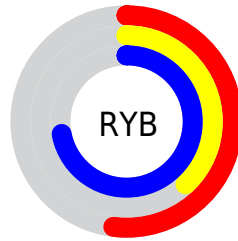
The Hex color **8560B7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **92B760**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BC93EF**, and **503081** is the 20% darker color. If you saturate the color by 10%, you get **7A4EB7**, and if you desaturate by 10%, it is **9072B7**.

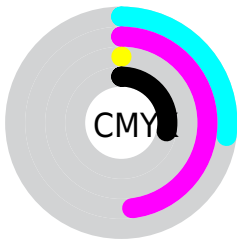
# Distribution



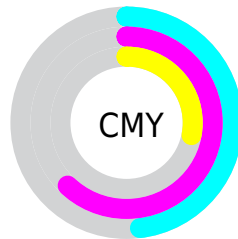
- Red (52%)
- Green (38%)
- Blue (72%)



- Red (52%)
- Yellow (38%)
- Blue (72%)



- Cyan (27%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)



- Cyan (48%)
- Magenta (62%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8560B7 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 8560B7 by changing the saturation by 10% instead.



■ 8560B7

■ 8560B7

FFFFFF

■ 6A489C

■ BC93EF

■ 503081

■ D9AEFF

■ 371968

■ F6CAFF

■ 1C034F

■ FFE6FF

■ 030038

■ 000221

■ 000007

■ 000000

■ 8560B7

■ 8560B7

 7A4EB7

 9072B7

 703BB7

 9A85B7

 6529B7

 A597B7

 5B17B7

 AFA9B7

 5005B7

 BABBB7

 4E00B7

 C4CEB7

 CFE0B7

 D9F2B7

 E4FFB7

# Harmonies

## Analogous

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



2472CA



8560B7



B14D92

# Triad

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



8560B7



A16419



00877F

# Complementary

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



8560B7



92B760

# 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.



008551



8560B7



7B7409

# Square

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



8560B7



BA523C



4B7F27



0085A9

# Rectangle

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



8560B7



BF4675



4B7F27



00866F



# Sweetspot

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



8560B7



DACCED



6093B7



6C6378



F7F7F7



787878



# Same Dimension

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



8560B7



9F66ED



B060B7



57535C



42009C



0C001C



# Inverse Universe

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



B76092



ED66B4



67B760



5C5358



9C0059

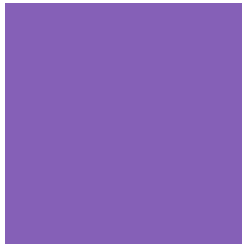


1C0010



# Previews

## White Background



This preview shows how the Hex color 8560B7 looks on a white background.

## Color Contrast Check

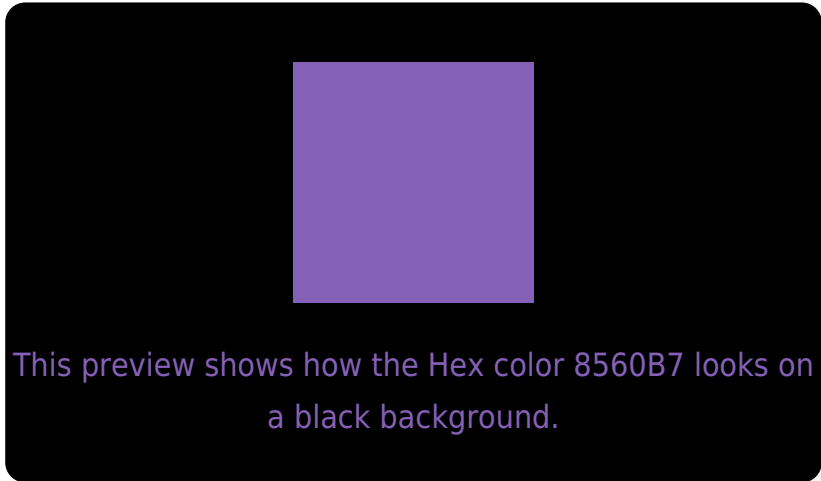
Large Text (above 18pt) WCAG AA ✓ Pass

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 8560B7 Background



This preview shows how black text looks on a background with the Hex color 8560B7.

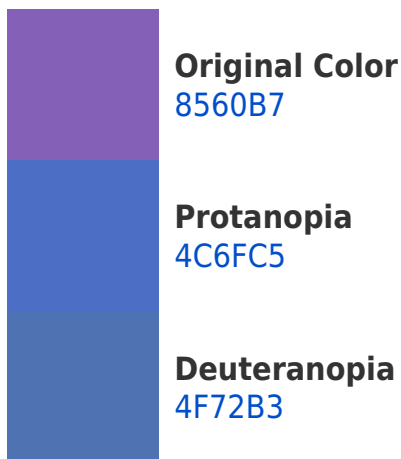


This preview shows how white text looks on a background with the Hex color 8560B7.

# 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](#).

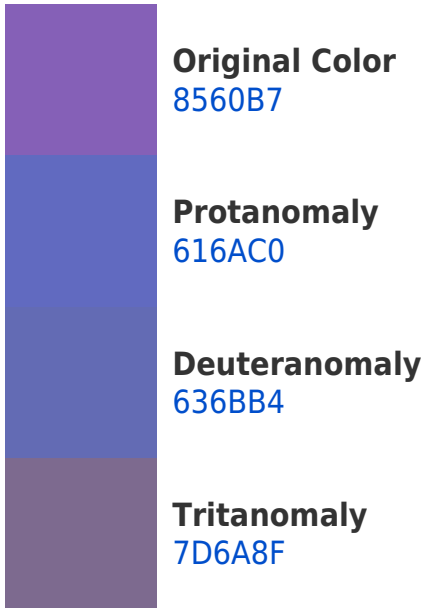
## Dichromacy





**Tritanopia**  
796F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8560B7 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 #8560B7 looks like.

```
.text, #text, p{  
    color:#8560B7  
}
```

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 #8560B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8560B7
}
```

## Border

The CSS property to change the border of an element to Hex 8560B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

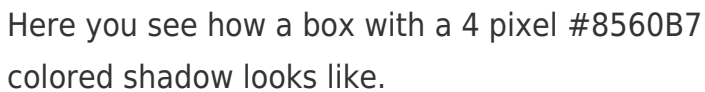
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8560B7 }
```

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

```
.border{ border-color:#8560B7 }
```

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



Here you see how a box with a 4 pixel #8560B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8560B7; -webkit-box-shadow:4px 4px  
4px 4px #8560B7; box-shadow:4px 4px 4px  
4px #8560B7 }
```

# Background

The CSS property to change the background color of an element to Hex 8560B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8560B7 }
```

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

```
.background{ background-color:#8560B7 }
```

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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