

Converting Colors

Hex(8680B4)

Have a look what the booklet for
Hex(8680B4) contains.

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Color

Hex(8680B4)

Conversions

Conversions Part 1

Format	Color
Hex	8680B4
RGB	134, 128, 180
RGB Percent	53%, 50%, 71%
CMY	0.4745, 0.4980, 0.2941
CMYK	0.26, 0.29, 0.00, 0.29
HSL	247°, 26%, 60%
HSV	247°, 29%, 71%
XYZ	25.7889, 23.8020, 46.4150
YIQ	135.7220, -13.1160, 17.4440

Conversions

Conversions Part 2

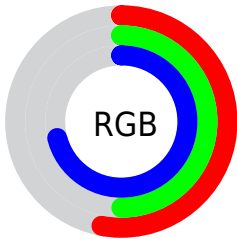
Format	Color
RYB	134, 128, 180
Decimal	8814772
CIELab	55.89, 13.83, -26.57
CIELCh	56, 29.957, 297.490
Yxy	23.8020, 0.2686, 0.2479
Android (android.graphics.Color)	4287004852 (0xFF8680B4)
YUV	135.7220, 21.8291, -1.5102
Hunter-Lab	48.7873, 8.9773, -22.2560

Details

The Hex color **8680B4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AEB480**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BCB5EC**, and **534F7F** is the 20% darker color. If you saturate the color by 10%, you get **766EB4**, and if you desaturate by 10%, it is **9692B4**.

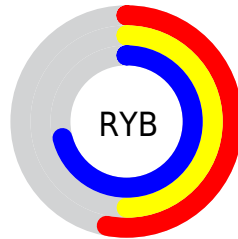
Distribution



Red (53%)

Green (50%)

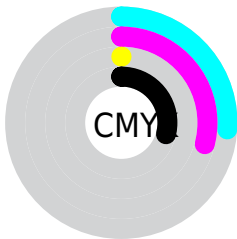
Blue (71%)



Red (53%)

Yellow (50%)

Blue (71%)

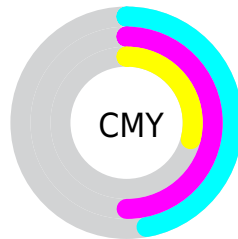


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8680B4 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 8680B4 by changing the saturation by 10% instead.

8680B4

8680B4

FFFFFF

6C6799

BCB5EC

534F7F

D8D0FF

3B3866

F5EDFF

23234E

0A0E36

000221

000005

000000

8680B4

8680B4

 766EB4

 9692B4

 665CB4

 A6A4B4

 564AB4

 B6B6B4

 4638B4

 C6C8B4

 3626B4

 D6DAB4

 2614B4

 E6ECB4

 1702B4

 F5FEB4

 1500B4

 FFFFB4

Harmonies

Analogous

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



5E89B9



8680B4



A577A2

Triad

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



8680B4



AE7B5B



3F9483

Complementary

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



8680B4



AEB480

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.



609169



8680B4



998452

Square

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



8680B4



B8746F



7F8C57



23939D

Rectangle

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



8680B4



B27392



7F8C57



4A937A

Sweetspot

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



8680B4



D8D5EB



80AFB4



6A6875



F5F5F5



757575

Same Dimension

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



8680B4



A298EB



9F80B4



515059



120099



03001A

Inverse Universe

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



B480AE



EB98E1



95B480



595058



990087



1A0017

Previews

White Background



This preview shows how the Hex color 8680B4 looks on a white background.

Color Contrast Check

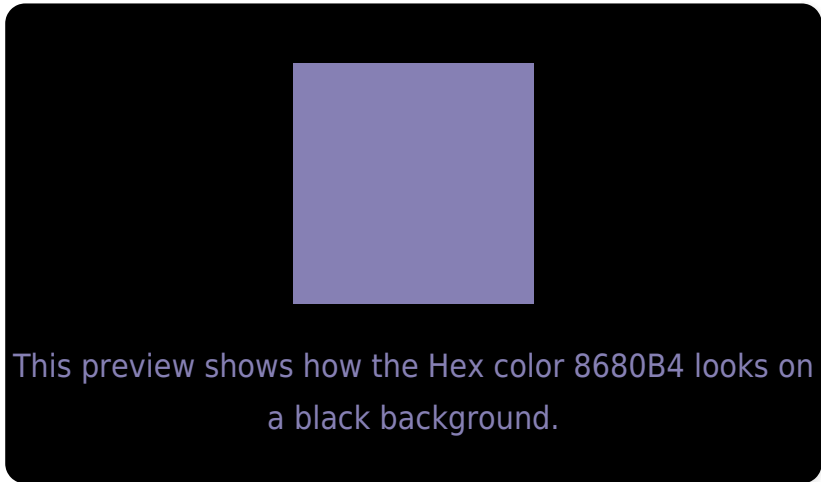
Large Text (above 18pt) WCAG AA ✓ Pass

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

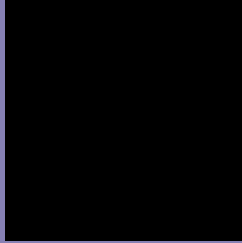
Any Text WCAG AA ✓ Pass

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 8680B4 Background



This preview shows how black text looks on a background with the Hex color 8680B4.



This preview shows how white text looks on a background with the Hex color 8680B4.

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



Original Color
8680B4

Protanopia
7784B7

Deuteranopia
7A84B3



Tritanopia
7F8791

Trichromacy



Original Color
8680B4

Protanomaly
7C83B6

Deuteranomaly
7E83B3

Tritanomaly
82849E

Monochromacy



Original Color
8680B4

Achromatopsia
888888

Achromatomaly
878598

CSS Examples

Text

The CSS property to change the color of the text to Hex 8680B4 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 #8680B4 looks like.

```
.text, #text, p{  
    color:#8680B4  
}
```

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 #8680B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8680B4  
}
```

Border

The CSS property to change the border of an element to Hex 8680B4 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".

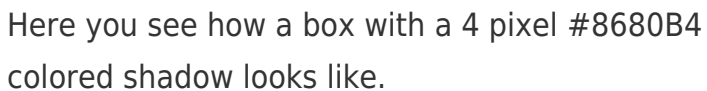
```
.border, #border, table{ border:4px solid  
#8680B4 }
```

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

```
.border{ border-color:#8680B4 }
```

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

Here you see how a box with a 4 pixel #8680B4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8680B4; -webkit-box-shadow:4px 4px  
4px 4px #8680B4; box-shadow:4px 4px 4px  
4px #8680B4 }
```

Background

The CSS property to change the background color of an element to Hex 8680B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8680B4 }
```

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

```
.background{ background-color:#8680B4 }
```

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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