

Converting Colors

Hex(8581B4)

Have a look what the booklet for
Hex(8581B4) contains.

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Color

Hex(8581B4)

Conversions

Conversions Part 1

Format	Color
Hex	8581B4
RGB	133, 129, 180
RGB Percent	52%, 51%, 71%
CMY	0.4784, 0.4941, 0.2941
CMYK	0.26, 0.28, 0.00, 0.29
HSL	245°, 25%, 61%
HSV	245°, 28%, 71%
XYZ	25.7613, 23.9823, 46.4513
YIQ	136.0100, -13.9870, 16.7090

Conversions

Conversions Part 2

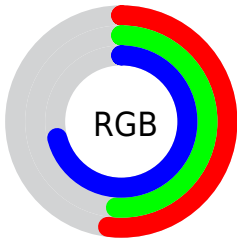
Format	Color
R_{YB}	133, 129, 180
Decimal	8749492
CIE _{Lab}	56.07, 12.93, -26.30
CIE _{LCh}	56, 29.308, 296.182
Yxy	23.9823, 0.2678, 0.2493
Android (android.graphics.Color)	4286939572 (0xFF8581B4)
YUV	136.0100, 21.6871, -2.6398
Hunter-Lab	48.9718, 8.1984, -21.9582

Details

The Hex color **8581B4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0B481**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BBB6EC**, and **52507F** is the 20% darker color. If you saturate the color by 10%, you get **746FB4**, and if you desaturate by 10%, it is **9693B4**.

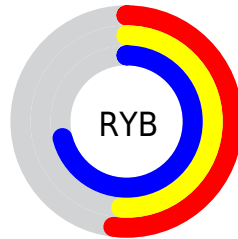
Distribution



Red (52%)

Green (51%)

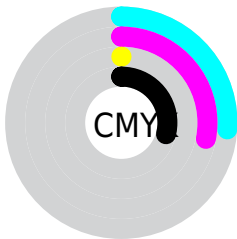
Blue (71%)



Red (52%)

Yellow (51%)

Blue (71%)

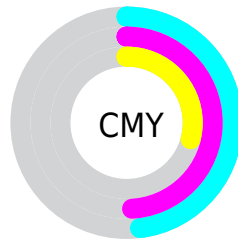


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8581B4 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 8581B4 by changing the saturation by 10% instead.



8581B4



8581B4

FFFFFF



6B6899



BBB6EC



52507F



D7D1FF



3A3966



F4EEFF



22244E



090F36



000221



000006



000000



8581B4



8581B4

746FB4

9693B4

645DB4

A6A5B4

534BB4

B7B7B4

4339B4

C7C9B4

3227B4

D8DBB4

2115B4

E9EDB4

1103B4

F9FFB4

0E00B4

FFFFB4

Harmonies

Analogous

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



5E8AB9



8581B4



A478A3

Triad

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



8581B4



AE7B5D



439482

Complementary

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



8581B4



B0B481

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.



639169



8581B4



9B8453

Square

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



8581B4



B87471



818C58



29949C

Rectangle

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



8581B4



B17493



818C58



4E9379

Sweetspot

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



8581B4



D7D5EB



81B1B4



696875



F5F5F5



757575

Same Dimension

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



8581B4



A19BEB



9E81B4



515059



0C0099



02001A

Inverse Universe

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



B481B0



EB9BE4



97B481



595059



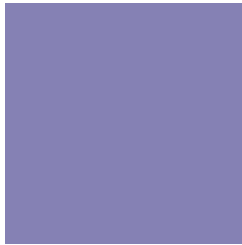
99008D



1A0018

Previews

White Background



This preview shows how the Hex color 8581B4 looks on a white background.

Color Contrast Check

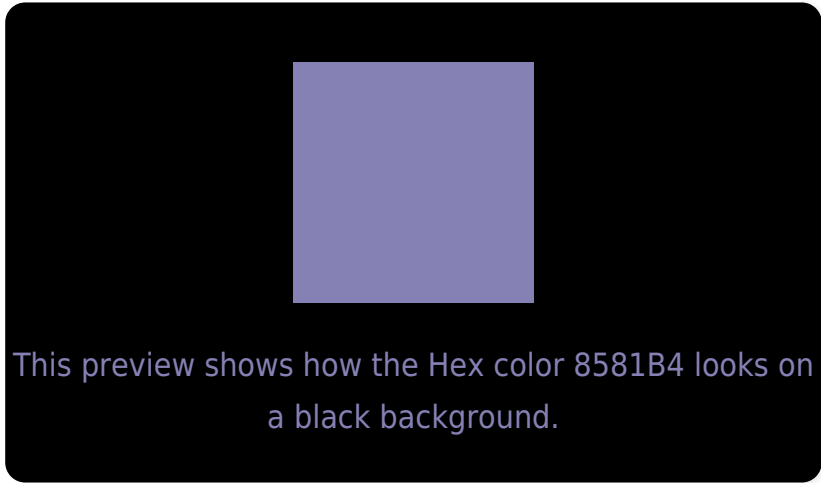
Large Text (above 18pt) WCAG AA ✓ Pass

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

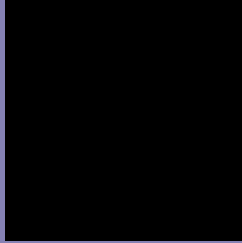
Any Text WCAG AA ✓ Pass

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 8581B4 Background



This preview shows how black text looks on a background with the Hex color 8581B4.

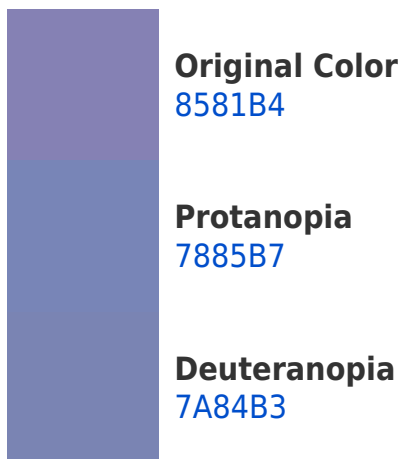


This preview shows how white text looks on a background with the Hex color 8581B4.

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](#).

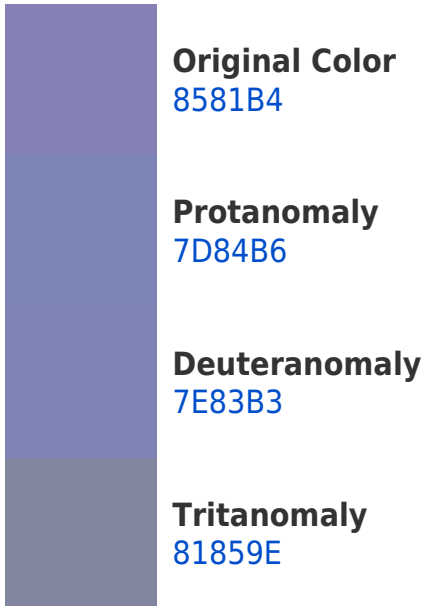
Dichromacy



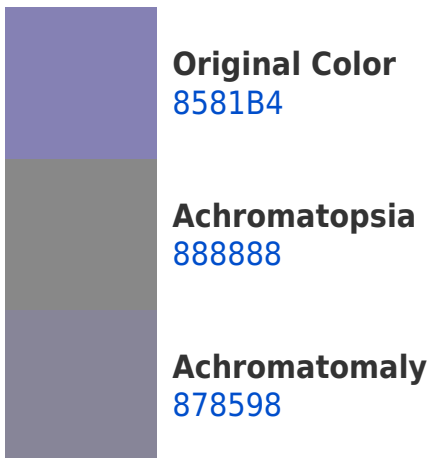


Tritanopia
7E8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8581B4 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 #8581B4 looks like.

```
.text, #text, p{  
    color:#8581B4  
}
```

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 #8581B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8581B4
}
```

Border

The CSS property to change the border of an element to Hex 8581B4 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
#8581B4 }
```

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

```
.border{ border-color:#8581B4 }
```

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

Here you see how a box with a 4 pixel #8581B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8581B4; -webkit-box-shadow:4px 4px  
4px 4px #8581B4; box-shadow:4px 4px 4px  
4px #8581B4 }
```

Background

The CSS property to change the background color of an element to Hex 8581B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8581B4 }
```

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

```
.background{ background-color:#8581B4 }
```

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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