

# Converting Colors

Hex(4882B5)

Have a look what the booklet for  
Hex(4882B5) contains.

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# Color

Hex(4882B5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4882B5
RGB	72, 130, 181
RGB Percent	28%, 51%, 71%
CMY	0.7176, 0.4902, 0.2902
CMYK	0.60, 0.28, 0.00, 0.29
HSL	208°, 43%, 50%
HSV	208°, 60%, 71%
XYZ	18.9956, 20.6792, 46.7064
YIQ	118.4720, -50.9390, 3.5650

# Conversions

## Conversions Part 2

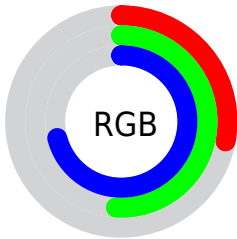
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	72, 110, 181
Decimal	4752053
CIE Lab	52.60, -3.34, -32.57
CIE LCh	53, 32.736, 264.137
Yxy	20.6792, 0.2199, 0.2394
Android (android.graphics.Color)	4282942133 (0xFF4882B5)
YUV	118.4720, 30.8263, -40.7559
Hunter-Lab	45.4744, -5.0169, -29.0642

# Details

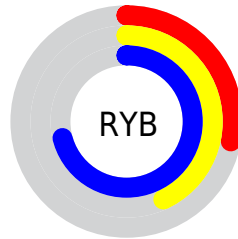
The Hex color **4882B5** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B57B48**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **81B7ED**, and **005180** is the 20% darker color. If you saturate the color by 10%, you get **367AB5**, and if you desaturate by 10%, it is **5A8AB5**.

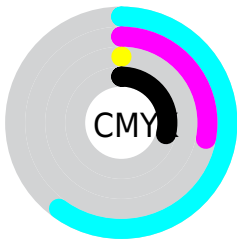
# Distribution



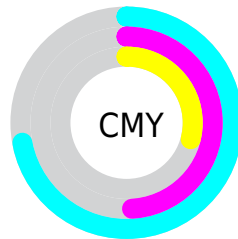
- Red (28%)
- Green (51%)
- Blue (71%)



- Red (28%)
- Yellow (43%)
- Blue (71%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (49%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4882B5 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 4882B5 by changing the saturation by 10% instead.



■ 4882B5

■ 4882B5

FFFFFF

■ 28699A

■ 81B7ED

■ 005180

■ 9DD2FF

■ 003A67

■ BAEFFF

■ 00254E

■ D7FFFF

■ 001037

■ F5FFFF

■ 000221

■ 000006

■ 000000

■ 4882B5

■ 4882B5

■ 367AB5

■ 5A8AB5

■ 2471B5

■ 6C93B5

■ 1269B5

■ 7E9BB5

■ 0060B5

■ 90A4B5

■ A3ACB5

■ B5B5B5

■ C7BDB5

■ D9C6B5

■ EBCEB5

# Harmonies

## Analogous

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



0089AA



4882B5



7878B1

# Triad

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



4882B5



B46968



58895C

# Complementary

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



4882B5



B57B48

# 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.



798349



4882B5



A97051

# Square

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



4882B5



B06884



947A45



2F8C77

# Rectangle

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



4882B5



9171A6



947A45



638754



# Sweetspot

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



4882B5



C0D7EB



48B57B



5B6975



F5F5F5



757575



# Same Dimension

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



4882B5



429CEB



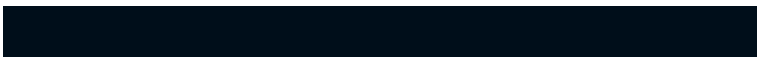
484CB5



505559



005199



000E1A



# Inverse Universe

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



B54882



EB429C



B5B148



595055



990051



1A000E



# Previews

## White Background



This preview shows how the Hex color 4882B5 looks on a white background.

## Color Contrast Check

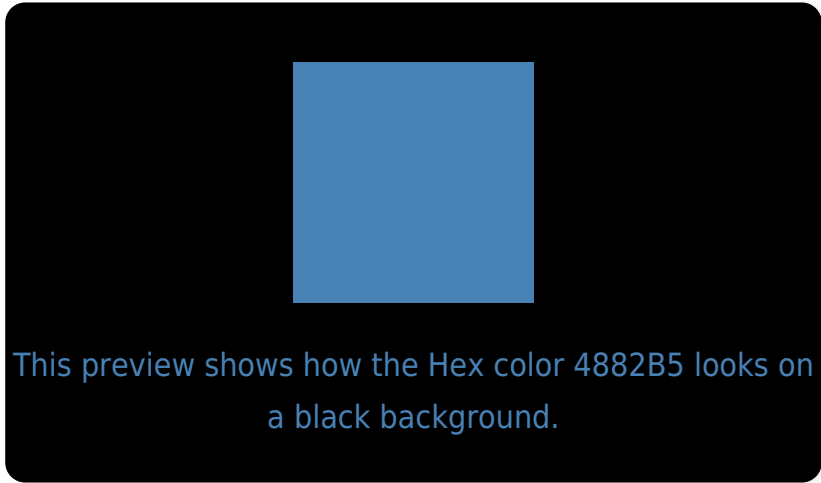
Large Text (above 18pt) WCAG AA ✓ Pass

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 4882B5 Background



This preview shows how black text looks on a background with the Hex color 4882B5.

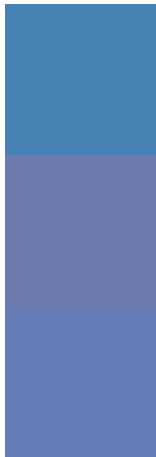


This preview shows how white text looks on a background with the Hex color 4882B5.

# 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**  
4882B5

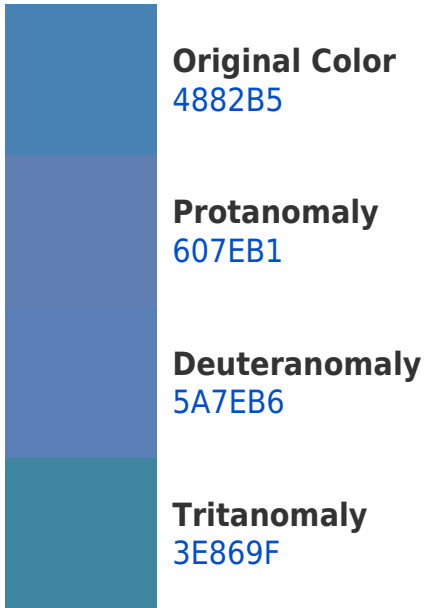
**Protanopia**  
6D7BAF

**Deuteranopia**  
657CB6

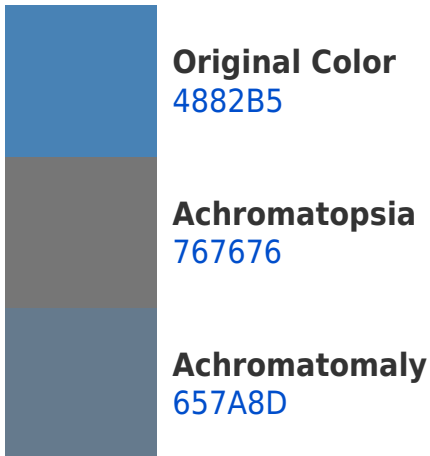


**Tritanopia**  
398893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4882B5 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 #4882B5 looks like.

```
.text, #text, p{  
    color:#4882B5  
}
```

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 #4882B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4882B5  
}
```

## Border

The CSS property to change the border of an element to Hex 4882B5 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  
#4882B5 }
```

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

```
.border{ border-color:#4882B5 }
```

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

Here you see how a box with a 4 pixel #4882B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4882B5; -webkit-box-shadow:4px 4px  
4px 4px #4882B5; box-shadow:4px 4px 4px  
4px #4882B5 }
```

# Background

The CSS property to change the background color of an element to Hex 4882B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4882B5 }
```

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

```
.background{ background-color:#4882B5 }
```

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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