

# Converting Colors

Hex(5482D0)

Have a look what the booklet for  
Hex(5482D0) contains.

<b>Hex(5482D0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5482D0)

# Conversions

## Conversions Part 1

Format	Color
Hex	5482D0
RGB	84, 130, 208
RGB Percent	33%, 51%, 82%
CMY	0.6706, 0.4902, 0.1843
CMYK	0.60, 0.38, 0.00, 0.18
HSL	218°, 57%, 57%
HSV	218°, 60%, 82%
XYZ	23.0240, 22.4041, 62.7854
YIQ	125.1380, -52.4540, 14.5060

# Conversions

## Conversions Part 2

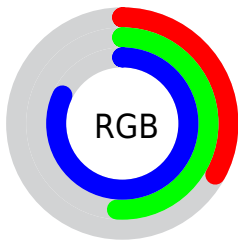
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 118, 208
Decimal	5538512
CIE <sub>Lab</sub>	54.45, 8.01, -45.00
CIE <sub>LCh</sub>	54, 45.704, 280.092
Yxy	22.4041, 0.2128, 0.2070
Android (android.graphics.Color)	4283728592 (0xFF5482D0)
YUV	125.1380, 40.8510, -36.0780
Hunter-Lab	47.3330, 3.9940, -45.5128

# Details

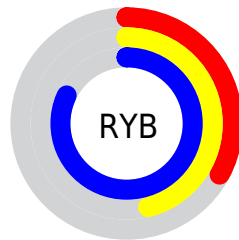
The Hex color **5482D0** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D0A254**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8FB7FF**, and **005199** is the 20% darker color. If you saturate the color by 10%, you get **3F75D0**, and if you desaturate by 10%, it is **698FD0**.

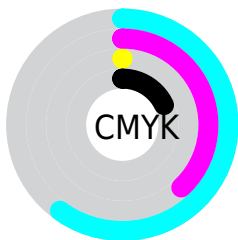
# Distribution



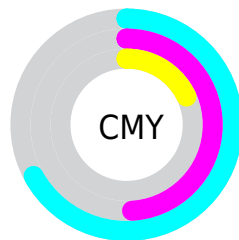
- Red (33%)
- Green (51%)
- Blue (82%)



- Red (33%)
- Yellow (46%)
- Blue (82%)



- Cyan (60%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (49%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5482D0 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 5482D0 by changing the saturation by 10% instead.



■ 5482D0

■ 5482D0

FFFFFF

■ 3469B4

■ 8FB7FF

■ 005199

■ ACD2FF

■ 003B7F

■ C9EEFF

■ 002665

■ E6FFFF

■ 00114D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 5482D0

■ 5482D0

■ 3F75D0

■ 698FD0

■ 2A68D0

■ 7E9CD0

■ 165BD0

■ 92A9D0

■ 014ED0

■ A7B6D0

■ 004DD0

■ BCC3D0

■ D1D1D0

■ E6DED0

■ FAEBD0

■ FFF8D0

# Harmonies

## Analogous

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



008ECC



5482D0



9672BF

# Triad

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



5482D0



C56851



1C9466

# Complementary

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



5482D0



D0A254

# 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.



618E43



5482D0



AE7737

# Square

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



5482D0



CC6076



8C8430



00968F

# Rectangle

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



5482D0



B368AA



8C8430



3B9359



# Sweetspot

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



5482D0



D1E2FF



54D0A0



636E80



000000



808080



# Same Dimension

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



5482D0



478CFF



6254D0



5E6269



003EA8



000F29



# Inverse Universe

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



D05482



FF478C



C2D054



695E62



A8003E



29000F



# Previews

## White Background



This preview shows how the Hex color 5482D0 looks on a white background.

## Color Contrast Check

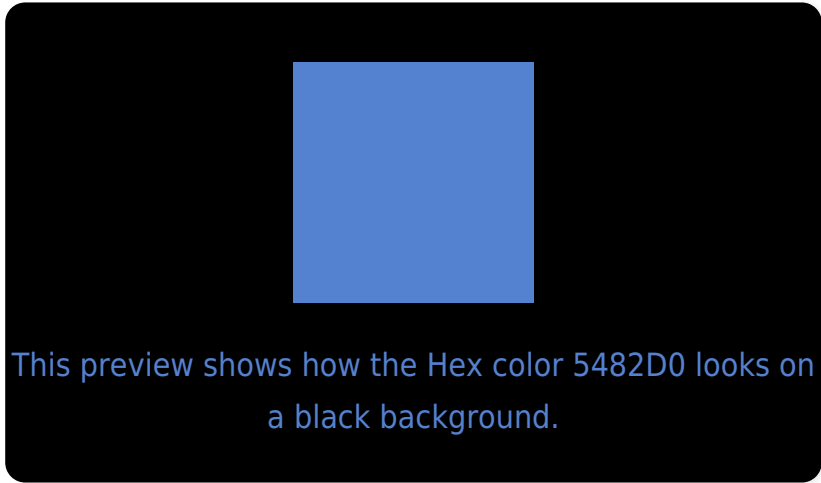
Large Text (above 18pt) WCAG AA ✓ Pass

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

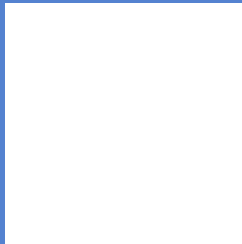
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5482D0 Background



This preview shows how black text looks on a background with the Hex color 5482D0.

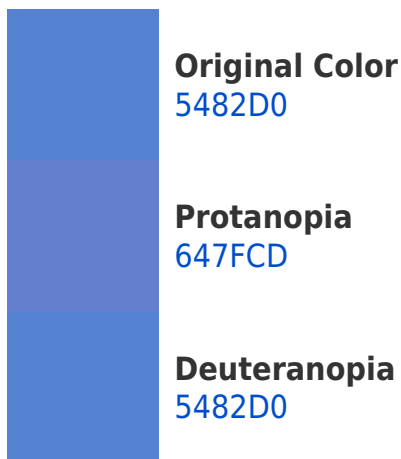


This preview shows how white text looks on a background with the Hex color 5482D0.

# 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](#).

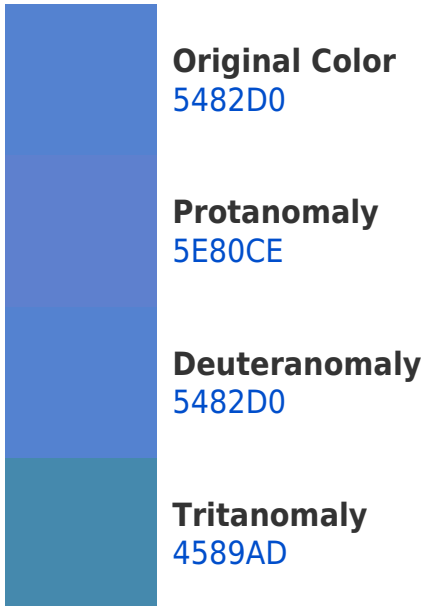
## Dichromacy



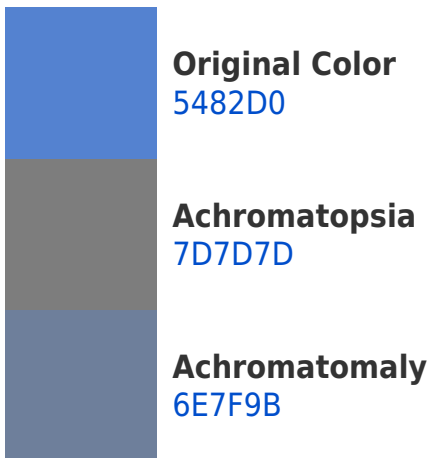


**Tritanopia**  
3C8D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5482D0 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 #5482D0 looks like.

```
.text, #text, p{  
    color:#5482D0  
}
```

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 #5482D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5482D0
}
```

## Border

The CSS property to change the border of an element to Hex 5482D0 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
#5482D0 }
```

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

```
.border{ border-color:#5482D0 }
```

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

Here you see how a box with a 4 pixel #5482D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5482D0; -webkit-box-shadow:4px 4px  
4px 4px #5482D0; box-shadow:4px 4px 4px  
4px #5482D0 }
```

# Background

The CSS property to change the background color of an element to Hex 5482D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5482D0 }
```

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

```
.background{ background-color:#5482D0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor