

# Converting Colors

Hex(5482D6)

Have a look what the booklet for  
Hex(5482D6) contains.

<b>Hex(5482D6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5482D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5482D6
RGB	84, 130, 214
RGB Percent	33%, 51%, 84%
CMY	0.6706, 0.4902, 0.1608
CMYK	0.61, 0.39, 0.00, 0.16
HSL	219°, 61%, 58%
HSV	219°, 61%, 84%
XYZ	23.7764, 22.7051, 66.7477
YIQ	125.8220, -54.3800, 16.3720

# Conversions

## Conversions Part 2

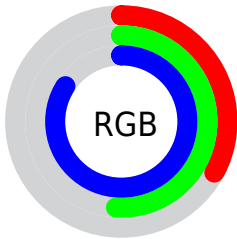
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 118, 214
Decimal	5538518
CIE <sub>Lab</sub>	54.77, 10.01, -47.89
CIE <sub>LCh</sub>	55, 48.921, 281.811
Yxy	22.7051, 0.2100, 0.2005
Android (android.graphics.Color)	4283728598 (0xFF5482D6)
YUV	125.8220, 43.4718, -36.6779
Hunter-Lab	47.6499, 5.6808, -49.6982

# Details

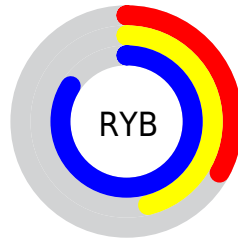
The Hex color **5482D6** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D6A854**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8FB7FF**, and **00519F** is the 20% darker color. If you saturate the color by 10%, you get **3F74D6**, and if you desaturate by 10%, it is **6990D6**.

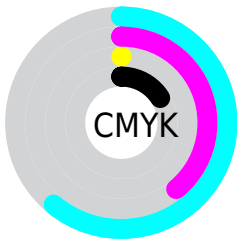
# Distribution



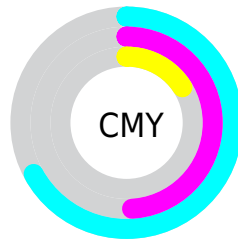
- Red (33%)
- Green (51%)
- Blue (84%)



- Red (33%)
- Yellow (46%)
- Blue (84%)



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (49%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5482D6 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 5482D6 by changing the saturation by 10% instead.



■ 5482D6

■ 5482D6

FFFFFF

■ 3369BA

■ 8FB7FF

■ 00519F

■ ADD2FF

■ 003B84

■ CAEEFF

■ 00266A

■ E8FFFF

■ 001252

■ 00053A

■ 000223

■ 00000B

■ 000000

■ 5482D6

■ 5482D6

■ 3F74D6

■ 6990D6

■ 2966D6

■ 7F9ED6

■ 1459D6

■ 94ABD6

■ 004CD6

■ AAB9D6

■ BFC7D6

■ D4D5D6

■ EAE3D6

■ FFF1D6

■ FFFED6

# Harmonies

## Analogous

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



008FD3



5482D6



9B71C2

# Triad

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



5482D6



C9674D



009667

# Complementary

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



5482D6



D6A854

# 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.



5C9041



5482D6



B07830

# Square

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



5482D6



D15D74



8A862A



009893

# Rectangle

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



5482D6



B966AC



8A862A



2F9559



# Sweetspot

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



5482D6



D1E1FF



54D6A6



636D80



000000



808080



# Same Dimension

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



5482D6



4587FF



6554D6



60646B



003CAB



000F2B



# Inverse Universe

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



D65482



FF4587



C5D654



6B6064



AB003C



2B000F



# Previews

## White Background



This preview shows how the Hex color 5482D6 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



This preview shows how the Hex color 5482D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

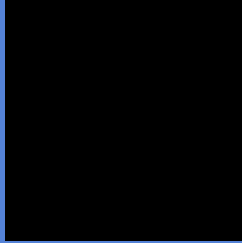
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

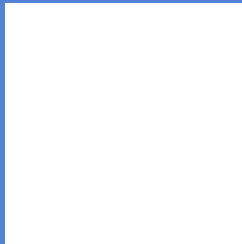
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5482D6 Background



This preview shows how black text looks on a background with the Hex color 5482D6.

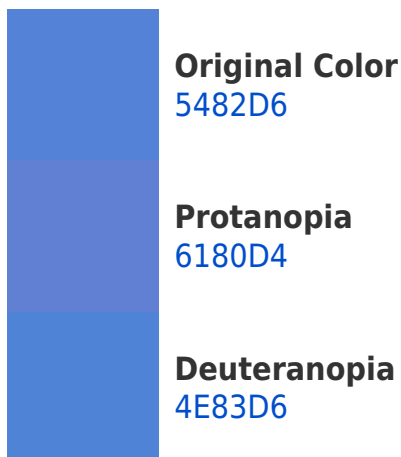


This preview shows how white text looks on a background with the Hex color 5482D6.

# 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](#).

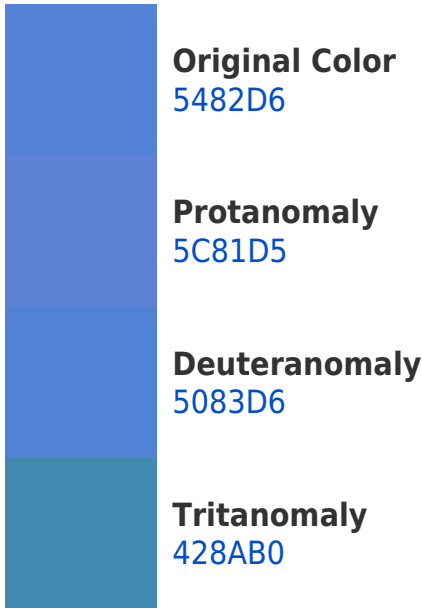
## Dichromacy



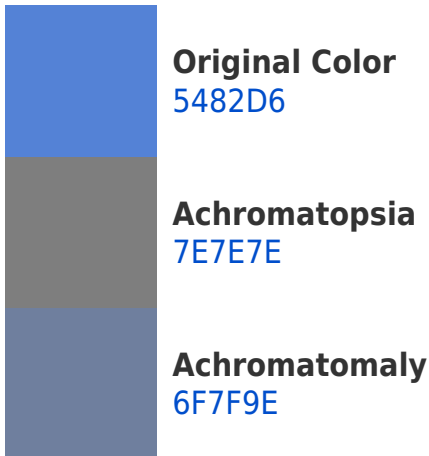


**Tritanopia**  
388F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5482D6 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 #5482D6 looks like.

```
.text, #text, p{  
    color:#5482D6  
}
```

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 #5482D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5482D6
}
```

## Border

The CSS property to change the border of an element to Hex 5482D6 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
#5482D6 }
```

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

```
.border{ border-color:#5482D6 }
```

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

Here you see how a box with a 4 pixel #5482D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5482D6; -webkit-box-shadow:4px 4px  
4px 4px #5482D6; box-shadow:4px 4px 4px  
4px #5482D6 }
```

# Background

The CSS property to change the background color of an element to Hex 5482D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5482D6 }
```

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

```
.background{ background-color:#5482D6 }
```

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