

# Converting Colors

Hex(5461A8)

Have a look what the booklet for  
Hex(5461A8) contains.

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# Color

**Hex(5461A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5461A8
RGB	84, 97, 168
RGB Percent	33%, 38%, 66%
CMY	0.6706, 0.6196, 0.3412
CMYK	0.50, 0.42, 0.00, 0.34
HSL	231°, 33%, 49%
HSV	231°, 50%, 66%
XYZ	14.9987, 13.2614, 38.8150
YIQ	101.2070, -30.5390, 19.3250

# Conversions

## Conversions Part 2

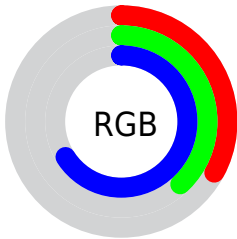
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 95, 168
Decimal	5530024
CIE <sub>Lab</sub>	43.15, 15.22, -39.82
CIE <sub>LCh</sub>	43, 42.629, 290.915
Yxy	13.2614, 0.2236, 0.1977
Android (android.graphics.Color)	4283720104 (0xFF5461A8)
YUV	101.2070, 32.9289, -15.0905
Hunter-Lab	36.4161, 9.7906, -37.7043

# Details

The Hex color **5461A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A89B54**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8A93E0**, and **1A3373** is the 20% darker color. If you saturate the color by 10%, you get **4353A8**, and if you desaturate by 10%, it is **656FA8**.

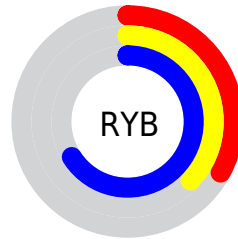
# Distribution



Red (33%)

Green (38%)

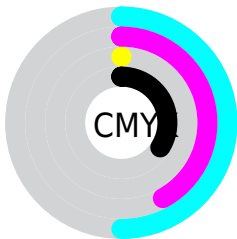
Blue (66%)



Red (33%)

Yellow (37%)

Blue (66%)

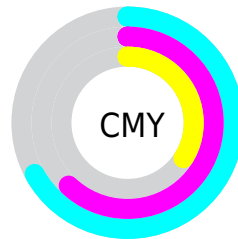


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (34%)



Cyan (67%)

Magenta (62%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5461A8 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 5461A8 by changing the saturation by 10% instead.



■ 5461A8

■ 5461A8

FFFFFF

■ 39498D

■ 8A93E0

■ 1A3373

■ A6AEFC

■ 001E5A

■ C2C9FF

■ 000642

■ DFE5FF

■ 00032C

■ FCFFFF

■ 000116

■ 000000

■ 5461A8

■ 5461A8

■ 4353A8

■ 656FA8

■ 3245A8

■ 767DA8

■ 2236A8

■ 868CA8

■ 1128A8

■ 979AA8

■ 001AA8

■ A8A8A8

■ B9B6A8

■ CAC4A8

■ DAD3A8

■ EBE1A8

# Harmonies

## Analogous

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



006DAB



5461A8



865293

# Triad

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



5461A8



9B5330



00765A

# Complementary

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



5461A8



A89B54

# 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.



367337



5461A8



82601C

# Square

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



5461A8



A6474F



616C1F



00777E

# Rectangle

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



5461A8



9A4A7E



616C1F



00764E



# Sweetspot

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



5461A8



BABFDB



54A89A



5A5D6E



EDEDED



6E6E6E



# Same Dimension

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



5461A8



586CDB



7054A8



4C4D54



001794



000314



# Inverse Universe

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



A85461



DB586C



8CA854



544C4D



940017



140003



# Previews

## White Background



This preview shows how the Hex color 5461A8 looks on a white background.

## Color Contrast Check

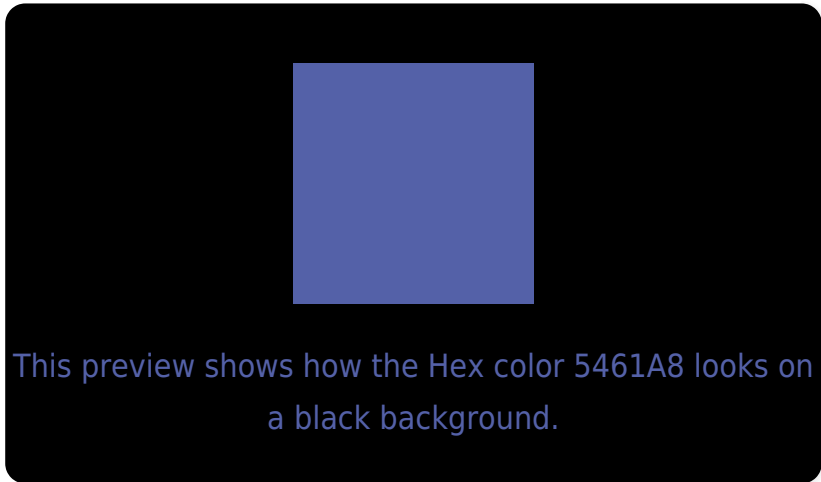
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

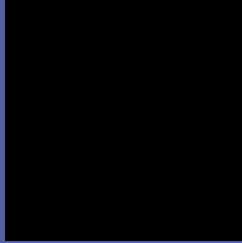
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5461A8 Background



This preview shows how black text looks on a background with the Hex color 5461A8.

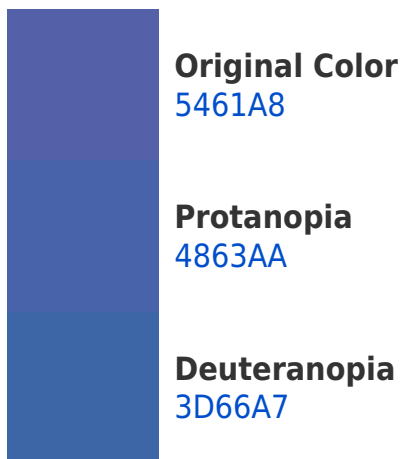


This preview shows how white text looks on a background with the Hex color 5461A8.

# 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**  
446C75

# Trichromacy



**Original Color**  
5461A8

**Protanomaly**  
4C62A9

**Deuteranomaly**  
4564A7

**Tritanomaly**  
4A6888

# Monochromacy



**Original Color**  
5461A8

**Achromatopsia**  
656565

**Achromatomaly**  
5F647D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5461A8 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 #5461A8 looks like.

```
.text, #text, p{  
    color:#5461A8  
}
```

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 #5461A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5461A8  
}
```

## Border

The CSS property to change the border of an element to Hex 5461A8 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".

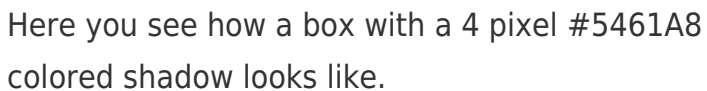
```
.border, #border, table{ border:4px solid  
#5461A8 }
```

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

```
.border{ border-color:#5461A8 }
```

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

Here you see how a box with a 4 pixel #5461A8 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 #5461A8; -webkit-box-shadow:4px 4px  
4px 4px #5461A8; box-shadow:4px 4px 4px  
4px #5461A8 }
```

# Background

The CSS property to change the background color of an element to Hex 5461A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5461A8 }
```

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

```
.background{ background-color:#5461A8 }
```

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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