

# Converting Colors

Hex(5968AD)

Have a look what the booklet for  
Hex(5968AD) contains.

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# Color

**Hex(5968AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5968AD
RGB	89, 104, 173
RGB Percent	35%, 41%, 68%
CMY	0.6510, 0.5922, 0.3216
CMYK	0.49, 0.40, 0.00, 0.32
HSL	229°, 34%, 51%
HSV	229°, 49%, 68%
XYZ	16.6130, 15.0416, 41.5629
YIQ	107.3810, -31.0890, 18.2790

# Conversions

## Conversions Part 2

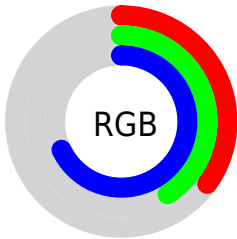
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 102, 173
Decimal	5859501
CIE <sub>Lab</sub>	45.69, 13.65, -38.72
CIE <sub>LCh</sub>	46, 41.053, 289.418
Yxy	15.0416, 0.2269, 0.2054
Android (android.graphics.Color)	4284049581 (0xFF5968AD)
YUV	107.3810, 32.3502, -16.1201
Hunter-Lab	38.7835, 8.5896, -36.3905

# Details

The Hex color **5968AD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AD9E59**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8F9BE5**, and **213978** is the 20% darker color. If you saturate the color by 10%, you get **485AAD**, and if you desaturate by 10%, it is **6A76AD**.

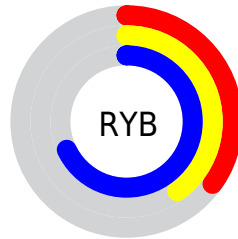
# Distribution



Red (35%)

Green (41%)

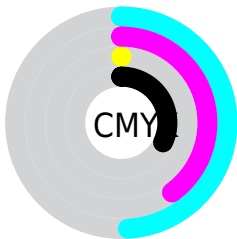
Blue (68%)



Red (35%)

Yellow (40%)

Blue (68%)

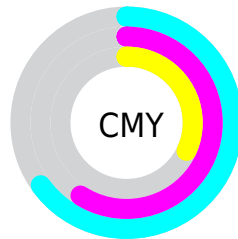


Cyan (49%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (65%)

Magenta (59%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5968AD 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 5968AD by changing the saturation by 10% instead.



■ 5968AD

■ 5968AD

FFFFFF

■ 3E5092

■ 8F9BE5

■ 213978

■ ABB6FF

■ 00245F

■ C7D1FF

■ 001047

■ E4EDFF

■ 000430

■ 00011A

■ 000000

■ 5968AD

■ 5968AD

■ 485AAD

■ 6A76AD

■ 364CAD

■ 7C84AD

■ 253DAD

■ 8D93AD

■ 142FAD

■ 9EA1AD

■ 0221AD

■ B0AFAD

■ 001FAD

■ C1BDAD

■ D2CBAD

■ E3DAAD

■ F5E8AD

# Harmonies

## Analogous

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



0073AF



5968AD



8A5A99

# Triad

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



5968AD



A15939



007C5E

# Complementary

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



5968AD



AD9E59

# 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.



41793E



5968AD



8A6626

# Square

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



5968AD



AC4F57



6A7127



007D82

# Rectangle

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



5968AD



9E5285



6A7127



127C53



# Sweetspot

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



5968AD



BFC5E0



59AD9E



5C6070



F0F0F0



707070



# Same Dimension

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



5968AD



5E75E0



7459AD



4E5057



001B96



000417



# Inverse Universe

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



AD5968



E05E75



92AD59



574E50



96001B

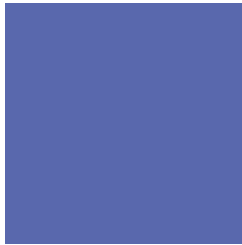


170004



# Previews

## White Background



This preview shows how the Hex color 5968AD looks on a white background.

## Color Contrast Check

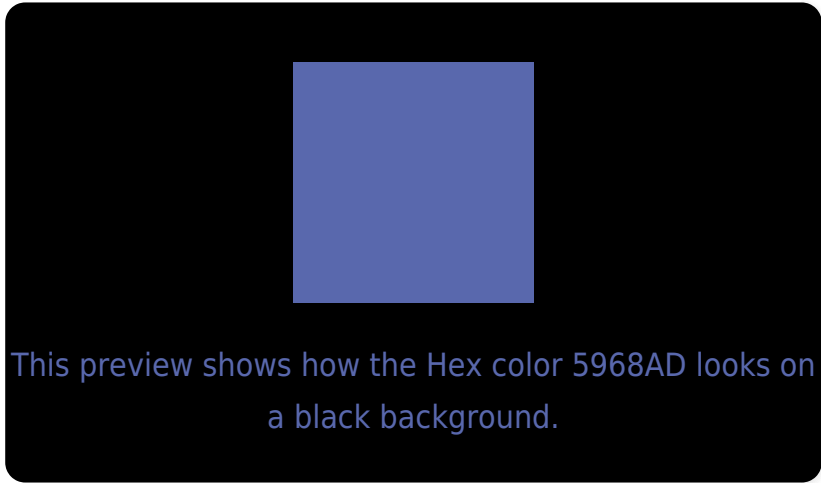
Large Text (above 18pt) WCAG AA ✓ Pass

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 5968AD Background



This preview shows how black text looks on a background with the Hex color 5968AD.

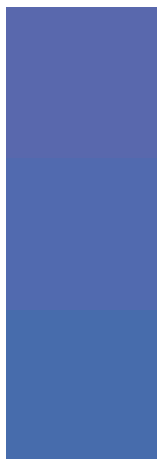


This preview shows how white text looks on a background with the Hex color 5968AD.

# 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**  
5968AD

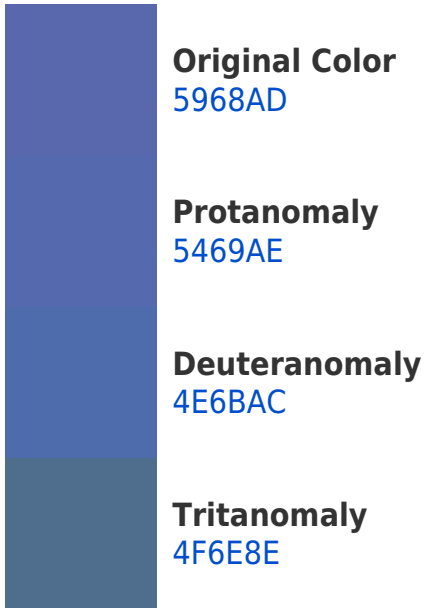
**Protanopia**  
516AAF

**Deuteranopia**  
476CAC



**Tritanopia**  
4A727C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5968AD 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 #5968AD looks like.

```
.text, #text, p{  
    color:#5968AD  
}
```

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 #5968AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5968AD
}
```

## Border

The CSS property to change the border of an element to Hex 5968AD 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
#5968AD }
```

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

```
.border{ border-color:#5968AD }
```

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

Here you see how a box with a 4 pixel #5968AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5968AD; -webkit-box-shadow:4px 4px  
4px 4px #5968AD; box-shadow:4px 4px 4px  
4px #5968AD }
```

# Background

The CSS property to change the background color of an element to Hex 5968AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5968AD }
```

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

```
.background{ background-color:#5968AD }
```

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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