

# Converting Colors

Hex(5962AB)

Have a look what the booklet for  
Hex(5962AB) contains.

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# Color

Hex(5962AB)

# Conversions

## Conversions Part 1

Format	Color
Hex	5962AB
RGB	89, 98, 171
RGB Percent	35%, 38%, 67%
CMY	0.6510, 0.6157, 0.3294
CMYK	0.48, 0.43, 0.00, 0.33
HSL	233°, 33%, 51%
HSV	233°, 48%, 67%
XYZ	15.8382, 13.7995, 40.3569
YIQ	103.6310, -28.7970, 20.7950

# Conversions

## Conversions Part 2

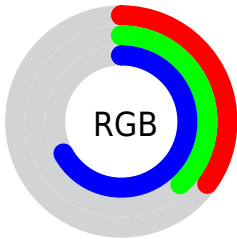
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 97, 171
Decimal	5857963
CIE <sub>Lab</sub>	43.94, 16.76, -40.31
CIE <sub>LCh</sub>	44, 43.659, 292.580
Yxy	13.7995, 0.2263, 0.1972
Android (android.graphics.Color)	4284048043 (0xFF5962AB)
YUV	103.6310, 33.2129, -12.8314
Hunter-Lab	37.1477, 11.0965, -38.4088

# Details

The Hex color **5962AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABA259**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8F94E3**, and **213476** is the 20% darker color. If you saturate the color by 10%, you get **4853AB**, and if you desaturate by 10%, it is **6A71AB**.

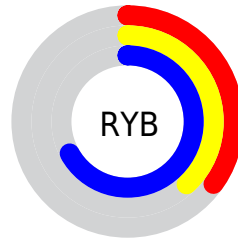
# Distribution



Red (35%)

Green (38%)

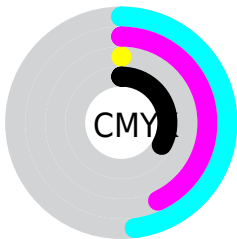
Blue (67%)



Red (35%)

Yellow (38%)

Blue (67%)

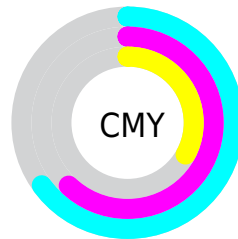


Cyan (48%)

Magenta (43%)

Yellow (0%)

Black (33%)



Cyan (65%)

Magenta (62%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5962AB 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 5962AB by changing the saturation by 10% instead.



■ 5962AB

■ 5962AB

FFFFFF

■ 3E4A90

■ 8F94E3

■ 213476

■ ABAFFF

■ 001F5D

■ C7CAFF

■ 000845

■ E4E7FF

■ 00042E

■ 000118

■ 000000

■ 5962AB

■ 5962AB

■ 4853AB

■ 6A71AB

■ 3744AB

■ 7B80AB

■ 2634AB

■ 8C90AB

■ 1525AB

■ 9D9FAB

■ 0416AB

■ AEAEAB

■ 0013AB

■ C0BDAB

■ D1CDAB

■ E2DCAB

■ F3EBAB

# Harmonies

## Analogous

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



006FB0



5962AB



8B5394

# Triad

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



5962AB



9D552F



00795D

# Complementary

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



5962AB



ABA259

# 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.



33753A



5962AB



83631B

# Square

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



5962AB



AA494E



616E1F



007983

# Rectangle

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



5962AB



9F4A7E



616E1F



007851



# Sweetspot

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



5962AB



BFC2DE



59ABA1



5D5F70



F0F0F0



707070



# Same Dimension

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



5962AB



5D6BDE



7859AB



4E4F57



001196



000317



# Inverse Universe

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



AB5962



DE5D6B



8CAB59



574E4F



960011

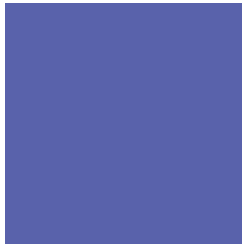


170003



# Previews

## White Background



This preview shows how the Hex color 5962AB looks on a white background.

## Color Contrast Check

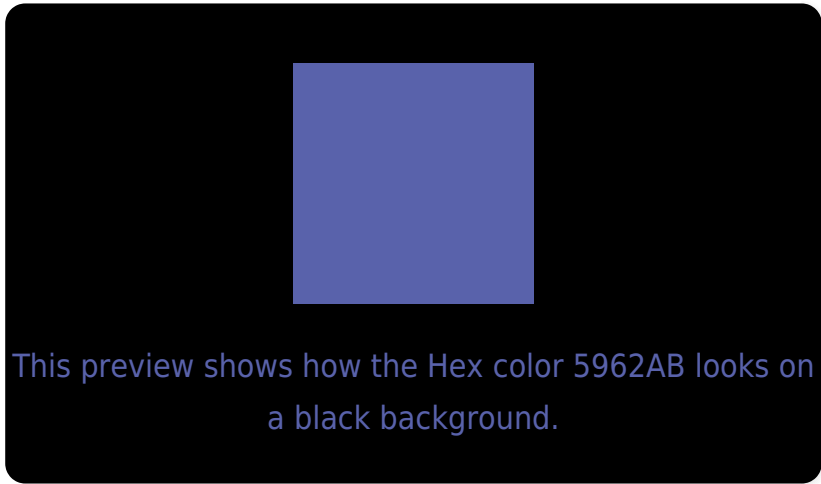
Large Text (above 18pt) WCAG AA ✓ Pass

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

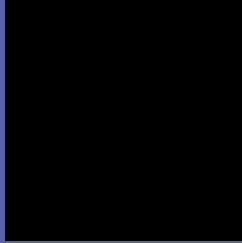
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5962AB Background



This preview shows how black text looks on a background with the Hex color 5962AB.

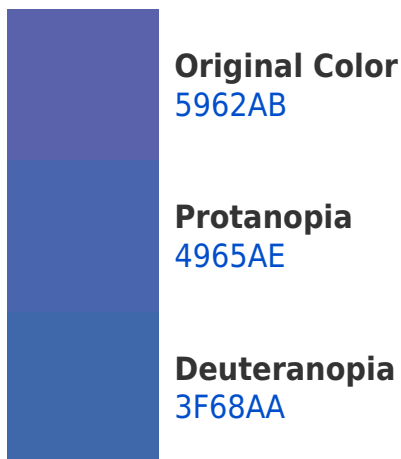


This preview shows how white text looks on a background with the Hex color 5962AB.

# 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](#).

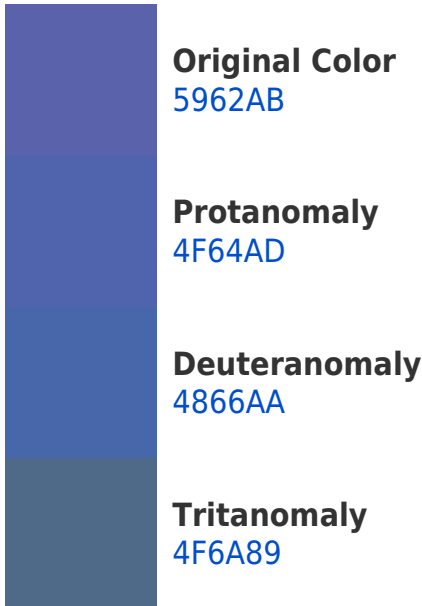
## Dichromacy



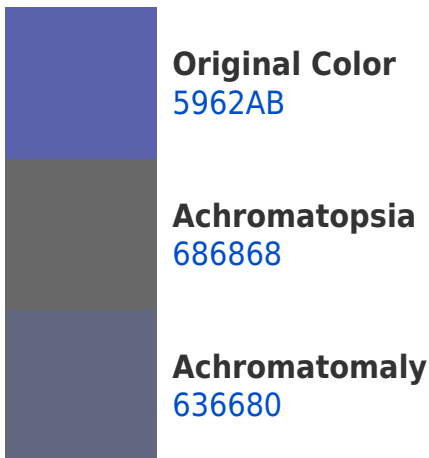


**Tritanopia**  
496E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5962AB 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 #5962AB looks like.

```
.text, #text, p{  
    color:#5962AB  
}
```

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 #5962AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5962AB
}
```

## Border

The CSS property to change the border of an element to Hex 5962AB 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
#5962AB }
```

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

```
.border{ border-color:#5962AB }
```

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

Here you see how a box with a 4 pixel #5962AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5962AB; -webkit-box-shadow:4px 4px  
4px 4px #5962AB; box-shadow:4px 4px 4px  
4px #5962AB }
```

# Background

The CSS property to change the background color of an element to Hex 5962AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5962AB }
```

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

```
.background{ background-color:#5962AB }
```

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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