

# Converting Colors

Hex(5563AC)

Have a look what the booklet for  
Hex(5563AC) contains.

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# Color

**Hex(5563AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5563AC
RGB	85, 99, 172
RGB Percent	33%, 39%, 67%
CMY	0.6667, 0.6118, 0.3255
CMYK	0.51, 0.42, 0.00, 0.33
HSL	230°, 34%, 50%
HSV	230°, 51%, 67%
XYZ	15.6545, 13.8335, 40.8748
YIQ	103.1360, -31.7770, 19.7350

# Conversions

## Conversions Part 2

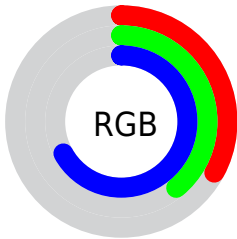
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 97, 172
Decimal	5596076
CIE <sub>Lab</sub>	43.99, 15.48, -40.84
CIE <sub>LCh</sub>	44, 43.677, 290.764
Yxy	13.8335, 0.2225, 0.1966
Android (android.graphics.Color)	4283786156 (0xFF5563AC)
YUV	103.1360, 33.9500, -15.9053
Hunter-Lab	37.1935, 10.0412, -39.1230

# Details

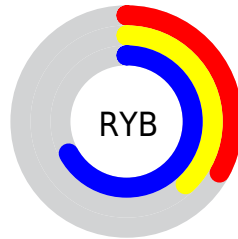
The Hex color **5563AC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AC9E55**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8C96E4**, and **1A3577** is the 20% darker color. If you saturate the color by 10%, you get **4455AC**, and if you desaturate by 10%, it is **6671AC**.

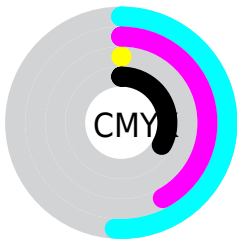
# Distribution



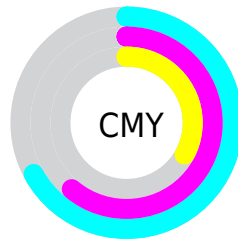
- Red (33%)
- Green (39%)
- Blue (67%)



- Red (33%)
- Yellow (38%)
- Blue (67%)



- Cyan (51%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (61%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5563AC 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 5563AC by changing the saturation by 10% instead.



■ 5563AC

■ 5563AC

FFFFFF

■ 394B91

■ 8C96E4

■ 1A3577

■ A7B0FF

■ 00205E

■ C4CCFF

■ 000A46

■ E1E8FF

■ 00042F

FEFFFF

■ 000119

■ 000000

■ 5563AC

■ 5563AC

■ 4455AC

■ 6671AC

■ 3346AC

■ 7780AC

■ 2138AC

■ 898EAC

■ 1029AC

■ 9A9DAC

■ 001CAC

■ ABABAC

■ BCBAAC

■ CDC8AC

■ DFD6AC

■ F0E5AC

# Harmonies

## Analogous

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



006FAF



5563AC



895496

# Triad

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



5563AC



9E5431



00795B

# Complementary

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



5563AC



AC9E55

# 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.



377538



5563AC



85621C

# Square

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



5563AC



AA4850



636E1E



007A81

# Rectangle

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



5563AC



9E4B81



636E1E



00784F



# Sweetspot

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



5563AC



BFC4E0



55AC9D



5C5F70



F0F0F0



707070



# Same Dimension

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



5563AC



586EE0



7255AC



4E4F57



001896



000417



# Inverse Universe

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



AC5563



E0586E



8FAC55



574E4F



960018

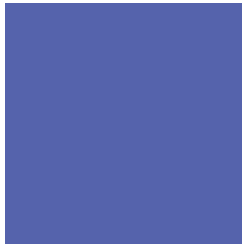


170004



# Previews

## White Background



This preview shows how the Hex color 5563AC looks on a white background.

## Color Contrast Check

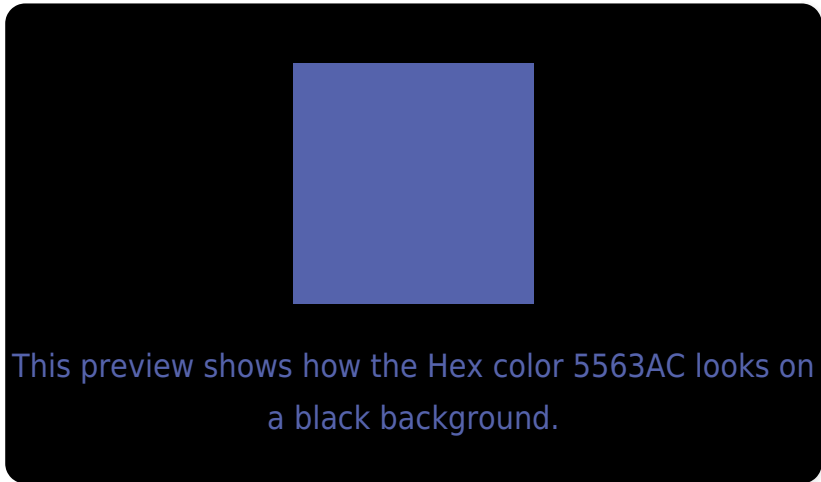
Large Text (above 18pt) WCAG AA ✓ Pass

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

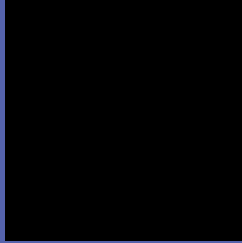
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5563AC Background



This preview shows how black text looks on a background with the Hex color 5563AC.

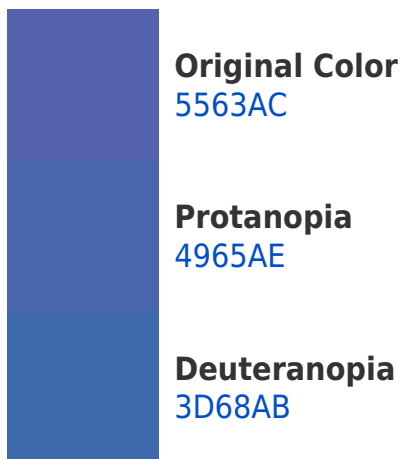


This preview shows how white text looks on a background with the Hex color 5563AC.

# 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](#).

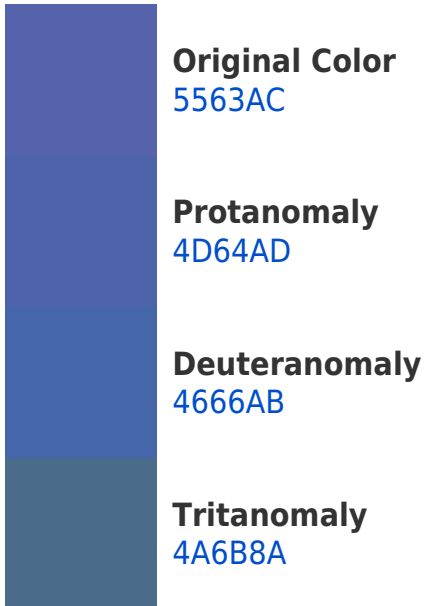
## Dichromacy





**Tritanopia**  
446F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5563AC 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 #5563AC looks like.

```
.text, #text, p{  
    color:#5563AC  
}
```

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 #5563AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5563AC
}
```

## Border

The CSS property to change the border of an element to Hex 5563AC 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
#5563AC }
```

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

```
.border{ border-color:#5563AC }
```

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

Here you see how a box with a 4 pixel #5563AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5563AC; -webkit-box-shadow:4px 4px  
4px 4px #5563AC; box-shadow:4px 4px 4px  
4px #5563AC }
```

# Background

The CSS property to change the background color of an element to Hex 5563AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5563AC }
```

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

```
.background{ background-color:#5563AC }
```

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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