

# Converting Colors

Hex(5536AC)

Have a look what the booklet for  
Hex(5536AC) contains.

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# Color

**Hex(5536AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5536AC
RGB	85, 54, 172
RGB Percent	33%, 21%, 67%
CMY	0.6667, 0.7882, 0.3255
CMYK	0.51, 0.69, 0.00, 0.33
HSL	256°, 52%, 44%
HSV	256°, 69%, 67%
XYZ	12.5119, 7.5482, 39.8272
YIQ	76.7210, -19.4020, 43.2700

# Conversions

## Conversions Part 2

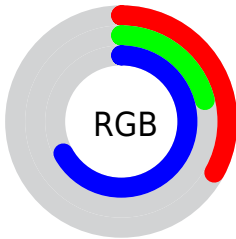
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 54, 172
Decimal	5584556
CIE Lab	33.02, 43.04, -58.51
CIE LCh	33, 72.635, 306.339
Yxy	7.5482, 0.2089, 0.1260
Android (android.graphics.Color)	4283774636 (0xFF5536AC)
YUV	76.7210, 46.9725, 7.2607
Hunter-Lab	27.4740, 33.2110, -66.7171

# Details

The Hex color **5536AC** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8DAC36**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8E67E4**, and **120577** is the 20% darker color. If you saturate the color by 10%, you get **4825AC**, and if you desaturate by 10%, it is **6247AC**.

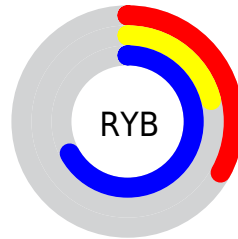
# Distribution



Red (33%)

Green (21%)

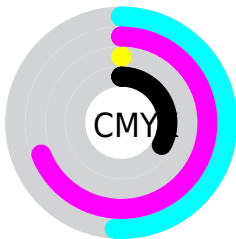
Blue (67%)



Red (33%)

Yellow (21%)

Blue (67%)

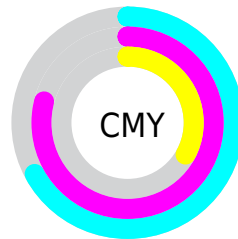


Cyan (51%)

Magenta (69%)

Yellow (0%)

Black (33%)



Cyan (67%)

Magenta (79%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5536AC 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 5536AC by changing the saturation by 10% instead.



■ 5536AC

■ 5536AC

FFFFFF

■ 371E91

■ 8E67E4

■ 120577

■ AA81FF

■ 00005D

■ C79BFF

■ 000044

■ E5B7FF

■ 00032D

■ FFD2FF

■ 000118

■ FFEFFF

■ 000000

■ 5536AC

■ 5536AC

■ 4825AC

■ 6247AC

■ 3C14AC

■ 6E58AC

■ 2F02AC

■ 7B6AAC

■ 2D00AC

■ 887BAC

■ 948CAC

■ A19DAC

■ AEAEAC

■ BAC0AC

■ C7D1AC

# Harmonies

## Analogous

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



0053C3



5536AC



98007D

# Triad

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



5536AC



833800



006459

# Complementary

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



5536AC



8DAC36

# 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.



00611A



5536AC



555000

# Square

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



5536AC



A2000B



055C00



006491

# Rectangle

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



5536AC



A90057



055C00



006345



# Sweetspot

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



5536AC



BEB1E0



368FAC



5C5470



F0F0F0



707070



# Same Dimension

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



5536AC



5928E0



8F36AC



504E57



280096



060017



# Inverse Universe

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



AC368D



E028B0



54AC36



574E54



96006F

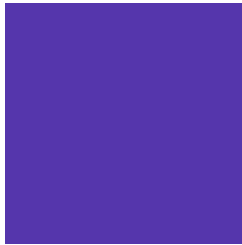


170011



# Previews

## White Background



This preview shows how the Hex color 5536AC 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

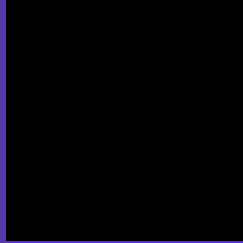
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5536AC Background



This preview shows how black text looks on a background with the Hex color 5536AC.

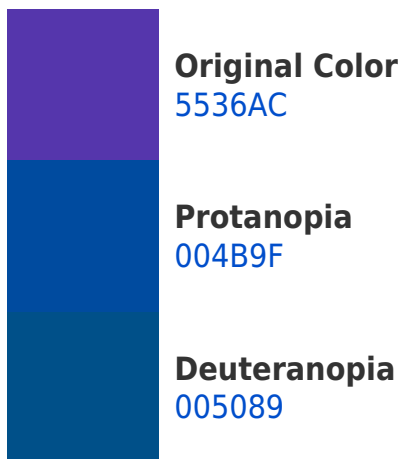


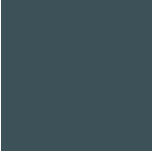
This preview shows how white text looks on a background with the Hex color 5536AC.

# 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**  
3C5158

# Trichromacy



**Original Color**  
5536AC



**Protanomaly**  
1F43A4



**Deuteranomaly**  
1F4796



**Tritanomaly**  
454777

# Monochromacy



**Original Color**  
5536AC



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
504570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5536AC 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 #5536AC looks like.

```
.text, #text, p{  
    color:#5536AC  
}
```

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 #5536AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5536AC
}
```

## Border

The CSS property to change the border of an element to Hex 5536AC 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".

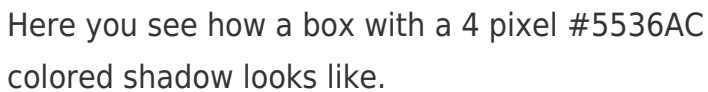
```
.border, #border, table{ border:4px solid
#5536AC }
```

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

```
.border{ border-color:#5536AC }
```

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

Here you see how a box with a 4 pixel #5536AC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5536AC; -webkit-box-shadow:4px 4px  
4px 4px #5536AC; box-shadow:4px 4px 4px  
4px #5536AC }
```

# Background

The CSS property to change the background color of an element to Hex 5536AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5536AC }
```

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

```
.background{ background-color:#5536AC }
```

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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