

# Converting Colors

Hex(5C4D85)

Have a look what the booklet for  
Hex(5C4D85) contains.

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# Color

Hex(5C4D85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C4D85
RGB	92, 77, 133
RGB Percent	36%, 30%, 52%
CMY	0.6392, 0.6980, 0.4784
CMYK	0.31, 0.42, 0.00, 0.48
HSL	256°, 27%, 41%
HSV	256°, 42%, 52%
XYZ	11.3011, 9.2765, 23.3852
YIQ	87.8690, -9.0360, 20.5960

# Conversions

## Conversions Part 2

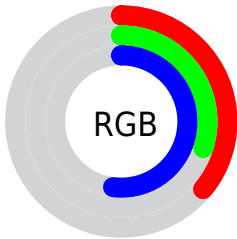
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 77, 133
Decimal	6049157
CIE <sub>Lab</sub>	36.51, 19.52, -29.24
CIE <sub>LCh</sub>	37, 35.155, 303.735
Yxy	9.2765, 0.2571, 0.2110
Android (android.graphics.Color)	4284239237 (0xFF5C4D85)
YUV	87.8690, 22.2496, 3.6229
Hunter-Lab	30.4574, 12.9316, -24.2028

# Details

The Hex color **5C4D85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **76854D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **907EBA**, and **2B2053** is the 20% darker color. If you saturate the color by 10%, you get **524085**, and if you desaturate by 10%, it is **665A85**.

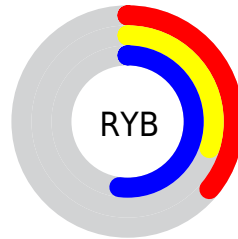
# Distribution



Red (36%)

Green (30%)

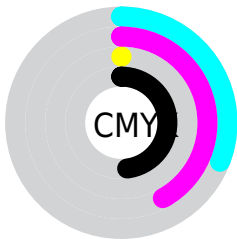
Blue (52%)



Red (36%)

Yellow (30%)

Blue (52%)

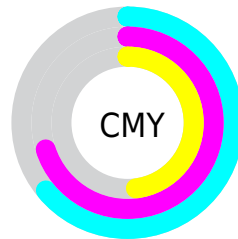


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (70%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4D85 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 5C4D85 by changing the saturation by 10% instead.





5C4D85



5C4D85

FFFFFF



43366C



907EBA



2B2053



AB98D6



130C3C



C6B3F3



000025



E3CEFF



00010E



FFEBFF



000000



5C4D85



5C4D85



524085



665A85



493285



6F6885

■ 3F2585

■ 797585

■ 351885

■ 838285

■ 2B0B85

■ 8D8F85

■ 240085

■ 969D85

■ A0AA85

■ AAB785

■ B4C585

# Harmonies

## Analogous

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



24588E



5C4D85



7B426F

# Triad

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



5C4D85



794B23



006459

# Complementary

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



5C4D85



76854D

# 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.



1B623C



5C4D85



62561A

# Square

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



5C4D85



884138



455D24



006374

# Rectangle

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



5C4D85



863D5D



455D24



00634F



# Sweetspot

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



5C4D85



9D97AD



4D7685



4D4957



D6D6D6



575757



# Same Dimension

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



5C4D85



6D55AD



784D85



3D3C42



230082



010003



# Inverse Universe

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



854D76



AD5596



5A854D



423C41



82005F



030002



# Previews

## White Background



This preview shows how the Hex color 5C4D85 looks on a white background.

## Color Contrast Check

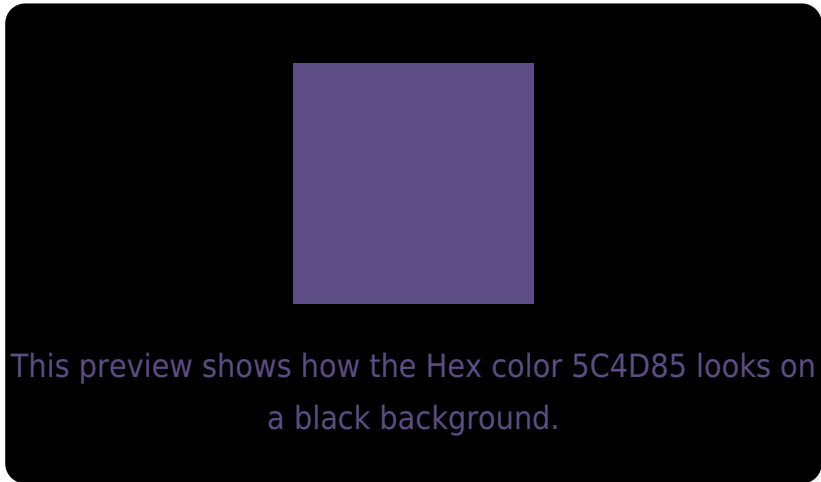
Large Text (above 18pt) WCAG AA ✓ Pass

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

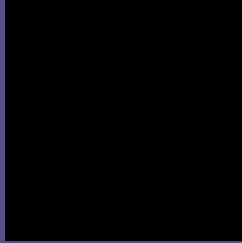
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C4D85 Background



This preview shows how black text looks on a background with the Hex color 5C4D85.

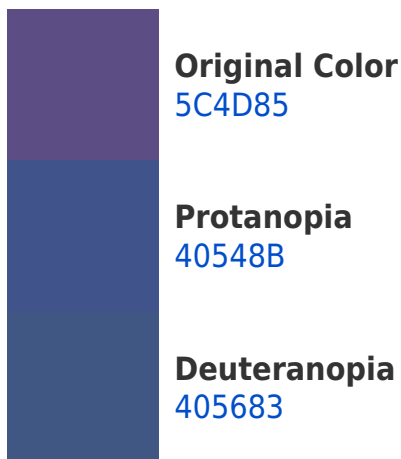


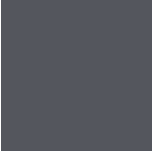
This preview shows how white text looks on a background with the Hex color 5C4D85.

# 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**  
54565D

# Trichromacy



**Original Color**  
5C4D85

**Protanomaly**  
4A5189

**Deuteranomaly**  
4A5384

**Tritanomaly**  
57536C

# Monochromacy



**Original Color**  
5C4D85

**Achromatopsia**  
585858

**Achromatomaly**  
595468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4D85 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 #5C4D85 looks like.

```
.text, #text, p{  
    color:#5C4D85  
}
```

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 #5C4D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4D85
}
```

## Border

The CSS property to change the border of an element to Hex 5C4D85 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
#5C4D85 }
```

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

```
.border{ border-color:#5C4D85 }
```

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

Here you see how a box with a 4 pixel #5C4D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4D85; -webkit-box-shadow:4px 4px  
4px 4px #5C4D85; box-shadow:4px 4px 4px  
4px #5C4D85 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4D85 }
```

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

```
.background{ background-color:#5C4D85 }
```

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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