

# Converting Colors

Hex(5F5385)

Have a look what the booklet for  
Hex(5F5385) contains.

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# Color

**Hex(5F5385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F5385
RGB	95, 83, 133
RGB Percent	37%, 33%, 52%
CMY	0.6275, 0.6745, 0.4784
CMYK	0.29, 0.38, 0.00, 0.48
HSL	254°, 23%, 42%
HSV	254°, 38%, 52%
XYZ	12.0462, 10.3129, 23.5460
YIQ	92.2880, -8.8980, 18.0940

# Conversions

## Conversions Part 2

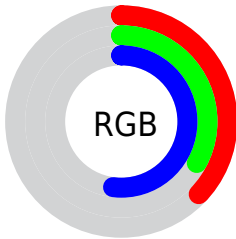
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 83, 133
Decimal	6247301
CIE <sub>Lab</sub>	38.40, 16.68, -26.26
CIE <sub>LCh</sub>	38, 31.106, 302.426
Yxy	10.3129, 0.2624, 0.2247
Android (android.graphics.Color)	4284437381 (0xFF5F5385)
YUV	92.2880, 20.0710, 2.3784
Hunter-Lab	32.1136, 10.7586, -20.9923

# Details

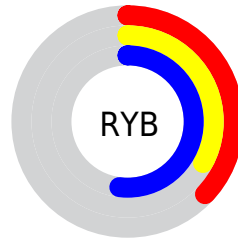
The Hex color **5F5385** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **798553**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9385BA**, and **2F2653** is the 20% darker color. If you saturate the color by 10%, you get **554685**, and if you desaturate by 10%, it is **696085**.

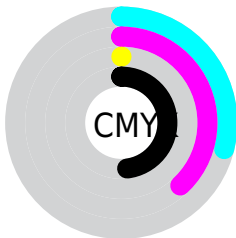
# Distribution



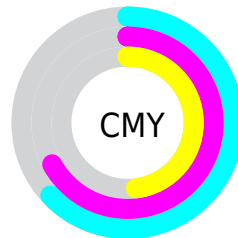
- Red (37%)
- Green (33%)
- Blue (52%)



- Red (37%)
- Yellow (33%)
- Blue (52%)



- Cyan (29%)
- Magenta (38%)
- Yellow (0%)
- Black (48%)



- Cyan (63%)
- Magenta (67%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F5385 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 5F5385 by changing the saturation by 10% instead.



■ 5F5385

■ 5F5385

FFFFFF

■ 463C6C

■ 9385BA

■ 2F2653

■ AE9FD6

■ 17123C

■ C9BAF3

■ 000026

■ E6D5FF

■ 00010F

■ FFF2FF

■ 000000

■ 5F5385

■ 5F5385

■ 554685

■ 696085

■ 4B3885

■ 736E85

412B85

7D7B85

371E85

878885

2C1185

929685

220385

9CA385

200085

A6B085

B0BD85

BACB85

# Harmonies

## Analogous

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



325C8D



5F5385



7B4A72

# Triad

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



5F5385



7C512E



00675C

# Complementary

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



5F5385



798553

# 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.



2D6542



5F5385



685A26

# Square

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



5F5385



884841



4D612E



006775

# Rectangle

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



5F5385



864662



4D612E



026753



# Sweetspot

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



5F5385



9F9AAD



537985



4E4B57



D6D6D6



575757



# Same Dimension

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



5F5385



725FAD



785385



3D3C42



1F0082



010003



# Inverse Universe

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



855379



AD5F9B



608553



423C41



820063



030002



# Previews

## White Background



This preview shows how the Hex color 5F5385 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

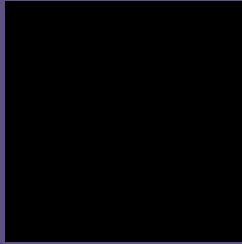
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F5385 Background



This preview shows how black text looks on a background with the Hex color 5F5385.

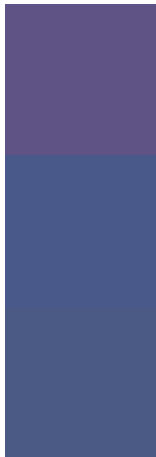


This preview shows how white text looks on a background with the Hex color 5F5385.

# 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**  
5F5385

**Protanopia**  
49598A

**Deuteranopia**  
4A5A84



**Tritanopia**  
585A62

# Trichromacy



**Original Color**  
5F5385

**Protanomaly**  
515788

**Deuteranomaly**  
525784

**Tritanomaly**  
5B576F

# Monochromacy



**Original Color**  
5F5385

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5D596B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F5385 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 #5F5385 looks like.

```
.text, #text, p{  
    color:#5F5385  
}
```

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 #5F5385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5385
}
```

## Border

The CSS property to change the border of an element to Hex 5F5385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

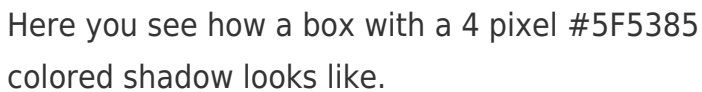
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F5385 }
```

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

```
.border{ border-color:#5F5385 }
```

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



Here you see how a box with a 4 pixel #5F5385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5385; -webkit-box-shadow:4px 4px  
4px 4px #5F5385; box-shadow:4px 4px 4px  
4px #5F5385 }
```

# Background

The CSS property to change the background color of an element to Hex 5F5385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5385 }
```

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

```
.background{ background-color:#5F5385 }
```

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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