

# Converting Colors

Hex(5F5485)

Have a look what the booklet for  
Hex(5F5485) contains.

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# Color

**Hex(5F5485)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F5485
RGB	95, 84, 133
RGB Percent	37%, 33%, 52%
CMY	0.6275, 0.6706, 0.4784
CMYK	0.29, 0.37, 0.00, 0.48
HSL	253°, 23%, 43%
HSV	253°, 37%, 52%
XYZ	12.1233, 10.4670, 23.5717
YIQ	92.8750, -9.1730, 17.5710

# Conversions

## Conversions Part 2

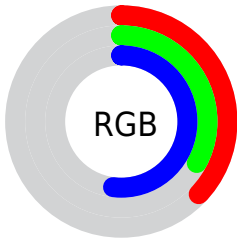
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 84, 133
Decimal	6247557
CIE <sub>Lab</sub>	38.67, 16.05, -25.84
CIE <sub>LCh</sub>	39, 30.415, 301.853
Yxy	10.4670, 0.2626, 0.2267
Android (android.graphics.Color)	4284437637 (0xFF5F5485)
YUV	92.8750, 19.7816, 1.8636
Hunter-Lab	32.3527, 10.2705, -20.5508

# Details

The Hex color **5F5485** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A8554**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9386BA**, and **2F2753** is the 20% darker color. If you saturate the color by 10%, you get **554785**, and if you desaturate by 10%, it is **696185**.

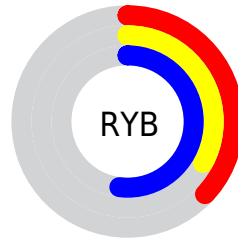
# Distribution



Red (37%)

Green (33%)

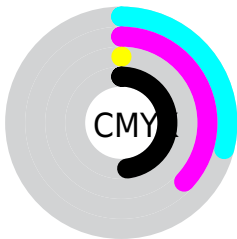
Blue (52%)



Red (37%)

Yellow (33%)

Blue (52%)

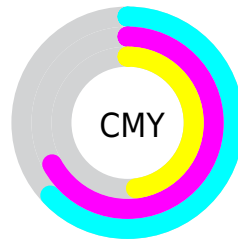


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (48%)



Cyan (63%)

Magenta (67%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F5485 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 5F5485 by changing the saturation by 10% instead.



■ 5F5485

■ 5F5485

FFFFFF

■ 463D6C

■ 9386BA

■ 2F2753

■ AEA0D6

■ 17133C

■ C9BBF3

■ 000026

■ E6D7FF

■ 00010F

■ FFF3FF

■ 000000

■ 5F5485

■ 5F5485

■ 554785

■ 696185

■ 4A3985

■ 746F85

402C85

7E7C85

361F85

888985

2B1285

939785

210485

9DA485

1E0085

A7B185

B2BE85

BCCC85

# Harmonies

## Analogous

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



345D8C



5F5485



7B4B73

# Triad

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



5F5485



7C5130



00685C

# Complementary

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



5F5485



7A8554

# 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.



2F6643



5F5485



685A28

# Square

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



5F5485



884942



4F6130



006774

# Rectangle

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



5F5485



864763



4F6130



0C6753



# Sweetspot

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



5F5485



9F9AAD



547A85



4E4B57



D6D6D6



575757



# Same Dimension

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



5F5485



7261AD



775485



3D3C42



1D0082



010003



# Inverse Universe

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



85547A



AD619C



628554



423C41



820065



030002



# Previews

## White Background



This preview shows how the Hex color 5F5485 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

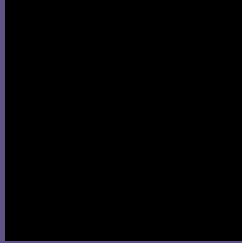
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F5485 Background



This preview shows how black text looks on a background with the Hex color 5F5485.

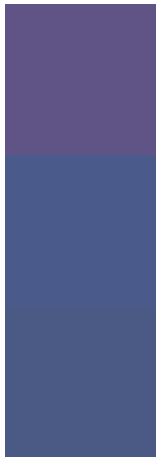


This preview shows how white text looks on a background with the Hex color 5F5485.

# 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**  
5F5485

**Protanopia**  
4A5A8A

**Deuteranopia**  
4B5A84



**Tritanopia**  
585B62

# Trichromacy



**Original Color**  
5F5485

**Protanomaly**  
525888

**Deuteranomaly**  
525884

**Tritanomaly**  
5B586F

# Monochromacy



**Original Color**  
5F5485

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5E5A6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F5485 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 #5F5485 looks like.

```
.text, #text, p{  
    color:#5F5485  
}
```

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 #5F5485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5485
}
```

## Border

The CSS property to change the border of an element to Hex 5F5485 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
#5F5485 }
```

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

```
.border{ border-color:#5F5485 }
```

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

Here you see how a box with a 4 pixel #5F5485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5485; -webkit-box-shadow:4px 4px  
4px 4px #5F5485; box-shadow:4px 4px 4px  
4px #5F5485 }
```

# Background

The CSS property to change the background color of an element to Hex 5F5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5485 }
```

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

```
.background{ background-color:#5F5485 }
```

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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