

# Converting Colors

Hex(5D406B)

Have a look what the booklet for  
Hex(5D406B) contains.

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# Color

**Hex(5D406B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D406B
RGB	93, 64, 107
RGB Percent	36%, 25%, 42%
CMY	0.6353, 0.7490, 0.5804
CMYK	0.13, 0.40, 0.00, 0.58
HSL	280°, 25%, 34%
HSV	280°, 40%, 42%
XYZ	9.0014, 7.0555, 14.7973
YIQ	77.5730, 3.4810, 19.5210

# Conversions

## Conversions Part 2

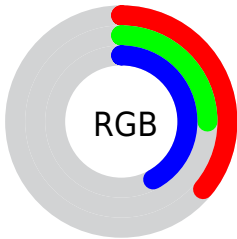
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 64, 107
Decimal	6111339
CIELab	31.93, 21.30, -20.18
CIElCh	32, 29.345, 316.544
Yxy	7.0555, 0.2917, 0.2287
Android (android.graphics.Color)	4284301419 (0xFF5D406B)
YUV	77.5730, 14.5075, 13.5295
Hunter-Lab	26.5622, 14.0067, -14.4360

# Details

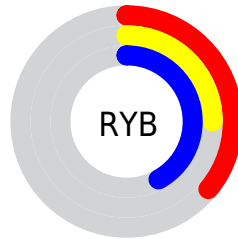
The Hex color **5D406B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E6B40**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **90709F**, and **2E143B** is the 20% darker color. If you saturate the color by 10%, you get **5A356B**, and if you desaturate by 10%, it is **604B6B**.

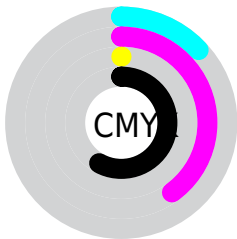
# Distribution



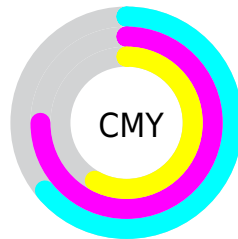
- Red (36%)
- Green (25%)
- Blue (42%)



- Red (36%)
- Yellow (25%)
- Blue (42%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (75%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D406B 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 5D406B by changing the saturation by 10% instead.



 5D406B

 5D406B

FFFFFF

 452953


 90709F

 2E143B

 AB8ABA

 1B0026

 C6A4D5

 00010F

 E3C0F2

 000000

 FFDCFF

 FFF8FF

 5D406B

 5D406B

 5A356B

 604B6B

562B6B

64556B

53206B

67606B

4F156B

6B6B6B

4C0A6B

6E756B

48006B

72806B

758B6B

79966B

7CA06B

# Harmonies

## Analogous

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



3B4977



5D406B



703956

# Triad

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



5D406B



61461D



005757

# Complementary

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



5D406B



4E6B40

# 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.



045640



5D406B



4C4E1D

# Square

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



5D406B



703E2B



32532A



00556C

# Rectangle

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



5D406B



763747



32532A



005750



# Sweetspot

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



5D406B



877B8C



404E6B



443D47



C7C7C7



474747



# Same Dimension

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



5D406B



76498C



6B4064



343036



4F0075



A500F5



# Inverse Universe

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



6B404E



8C495F



406B47



363032



750026



F50050



# Previews

## White Background



This preview shows how the Hex color 5D406B looks on a white background.

## Color Contrast Check

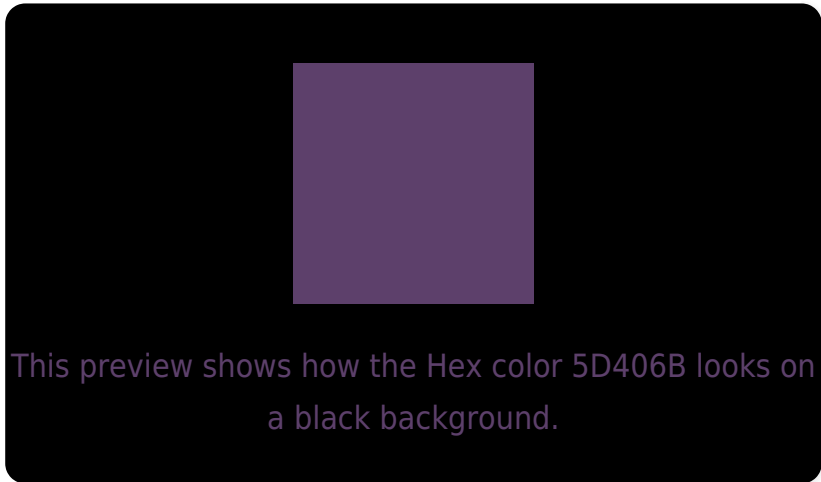
Large Text (above 18pt) WCAG AA ✓ Pass

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

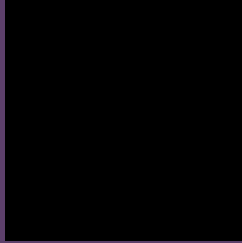
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D406B Background



This preview shows how black text looks on a background with the Hex color 5D406B.



This preview shows how white text looks on a background with the Hex color 5D406B.

# 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**  
5D406B

**Protanopia**  
3D4A73

**Deuteranopia**  
414B69



**Tritanopia**  
58474C

# Trichromacy



**Original Color**  
5D406B

**Protanomaly**  
494670

**Deuteranomaly**  
4B476A

**Tritanomaly**  
5A4457

# Monochromacy



**Original Color**  
5D406B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
534959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D406B 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 #5D406B looks like.

```
.text, #text, p{  
    color:#5D406B  
}
```

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 #5D406B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D406B
}
```

## Border

The CSS property to change the border of an element to Hex 5D406B is called "border". The border property can be set on classes, ids or directly on the HTML element.

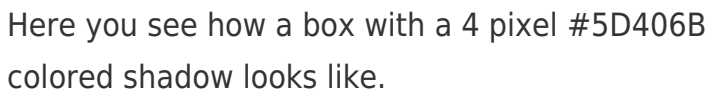
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D406B }
```

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

```
.border{ border-color:#5D406B }
```

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



Here you see how a box with a 4 pixel #5D406B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D406B; -webkit-box-shadow:4px 4px  
4px 4px #5D406B; box-shadow:4px 4px 4px  
4px #5D406B }
```

# Background

The CSS property to change the background color of an element to Hex 5D406B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D406B }
```

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

```
.background{ background-color:#5D406B }
```

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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