

Converting Colors

Hex(5D506F)

Have a look what the booklet for
Hex(5D506F) contains.

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Color

Hex(5D506F)

Conversions

Conversions Part 1

Format	Color
Hex	5D506F
RGB	93, 80, 111
RGB Percent	36%, 31%, 44%
CMY	0.6353, 0.6863, 0.5647
CMYK	0.16, 0.28, 0.00, 0.56
HSL	265°, 16%, 37%
HSV	265°, 28%, 44%
XYZ	10.2521, 9.2122, 16.2767
YIQ	87.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

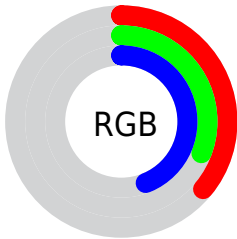
Format	Color
R_{YB}	93, 80, 111
Decimal	6115439
CIE _{Lab}	36.39, 12.19, -15.82
CIE _{LCh}	36, 19.971, 307.625
Yxy	9.2122, 0.2868, 0.2577
Android (android.graphics.Color)	4284305519 (0xFF5D506F)
YUV	87.4210, 11.6244, 4.8928
Hunter-Lab	30.3516, 7.1782, -10.5495

Details

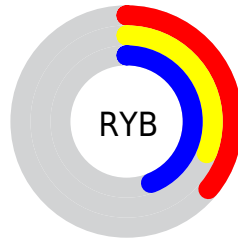
The Hex color **5D506F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **626F50**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9081A3**, and **2E233F** is the 20% darker color. If you saturate the color by 10%, you get **57456F**, and if you desaturate by 10%, it is **635B6F**.

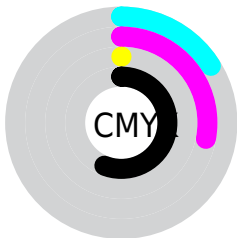
Distribution



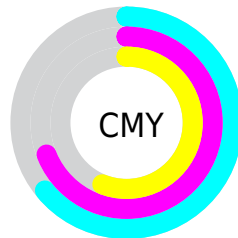
- Red (36%)
- Green (31%)
- Blue (44%)



- Red (36%)
- Yellow (31%)
- Blue (44%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D506F 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 5D506F by changing the saturation by 10% instead.



5D506F



5D506F

FFFFFF



453957



9081A3



2E233F



AA9BBE



190F29



C6B6DA



000114



E2D2F6



000000



FEEEFF



5D506F



5D506F



57456F



635B6F



503A6F



6A666F

■ 4A2F6F

■ 70716F

■ 43246F

■ 777C6F

■ 3D196F

■ 7D886F

■ 360D6F

■ 84936F

■ 30026F

■ 8A9E6F

■ 2F006F

■ 91A96F

■ 97B46F

Harmonies

Analogous

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



465675



5D506F



6D4B62

Triad

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



5D506F



6B5038



265E59

Complementary

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



5D506F



626F50

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.



385D49



5D506F



5D5636

Square

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



5D506F



744C43



4B5A3C



1F5D69

Rectangle

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



5D506F



734A58



4B5A3C



2C5E54

Sweetspot

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



5D506F



8B8691



50626F



46434A



C9C9C9



4A4A4A

Same Dimension

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



5D506F



756091



6C506F



353238



320078



6800F7

Inverse Universe

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



6F5062



91607D



536F50



383236



780046



F70090

Previews

White Background



This preview shows how the Hex color 5D506F looks on a white background.

Color Contrast Check

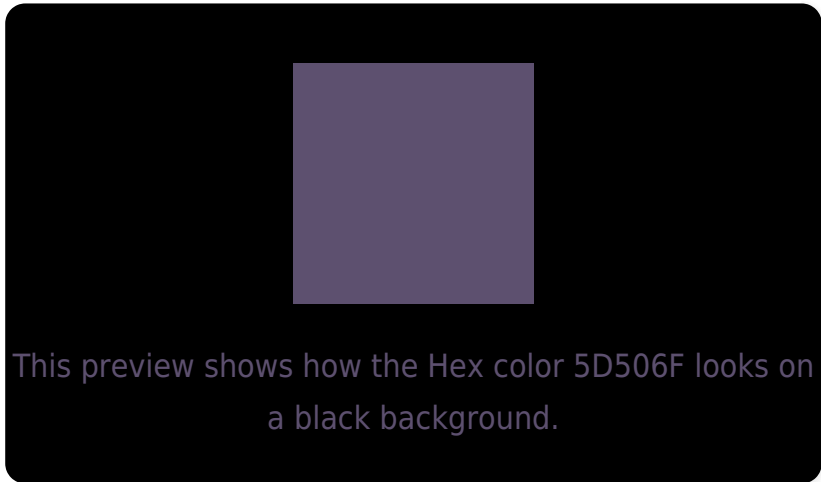
Large Text (above 18pt) WCAG AA ✓ Pass

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

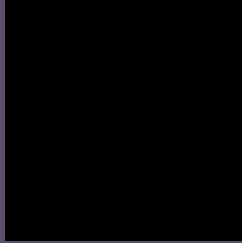
Any Text WCAG AA × Fail

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 5D506F Background



This preview shows how black text looks on a background with the Hex color 5D506F.

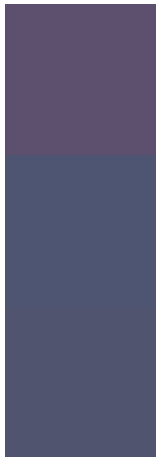


This preview shows how white text looks on a background with the Hex color 5D506F.

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
5D506F

Protanopia
4D5572

Deuteranopia
51546E



Tritanopia
5A545A

Trichromacy



Original Color
5D506F

Protanomaly
535371

Deuteranomaly
55536E

Tritanomaly
5B5362

Monochromacy



Original Color
5D506F

Achromatopsia
575757

Achromatomaly
595460

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D506F 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 #5D506F looks like.

```
.text, #text, p{  
    color:#5D506F  
}
```

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 #5D506F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D506F
}
```

Border

The CSS property to change the border of an element to Hex 5D506F is called "border". The border property can be set on classes, ids or directly on the HTML element.

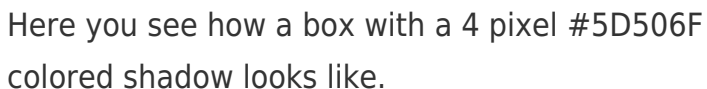
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D506F }
```

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

```
.border{ border-color:#5D506F }
```

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



Here you see how a box with a 4 pixel #5D506F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D506F; -webkit-box-shadow:4px 4px  
4px 4px #5D506F; box-shadow:4px 4px 4px  
4px #5D506F }
```

Background

The CSS property to change the background color of an element to Hex 5D506F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D506F }
```

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

```
.background{ background-color:#5D506F }
```

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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