

Converting Colors

Hex(5E486C)

Have a look what the booklet for
Hex(5E486C) contains.

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Color

Hex(5E486C)

Conversions

Conversions Part 1

Format	Color
Hex	5E486C
RGB	94, 72, 108
RGB Percent	37%, 28%, 42%
CMY	0.6314, 0.7176, 0.5765
CMYK	0.13, 0.33, 0.00, 0.58
HSL	277°, 20%, 35%
HSV	277°, 33%, 42%
XYZ	9.6402, 8.0971, 15.2422
YIQ	82.6820, 1.5560, 15.8600

Conversions

Conversions Part 2

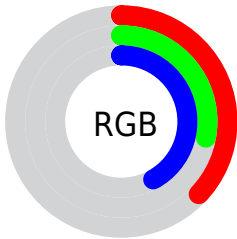
Format	Color
RYB	94, 72, 108
Decimal	6178924
CIELab	34.18, 16.87, -17.32
CIElCh	34, 24.176, 314.235
Yxy	8.0971, 0.2923, 0.2455
Android (android.graphics.Color)	4284369004 (0xFF5E486C)
YUV	82.6820, 12.4818, 9.9259
Hunter-Lab	28.4554, 10.6758, -11.8399

Details

The Hex color **5E486C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **566C48**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9179A0**, and **2F1C3C** is the 20% darker color. If you saturate the color by 10%, you get **5A3D6C**, and if you desaturate by 10%, it is **62536C**.

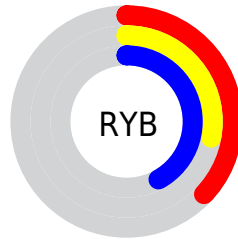
Distribution



Red (37%)

Green (28%)

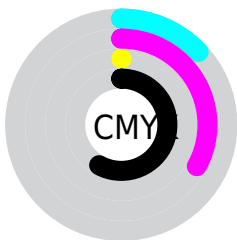
Blue (42%)



Red (37%)

Yellow (28%)

Blue (42%)

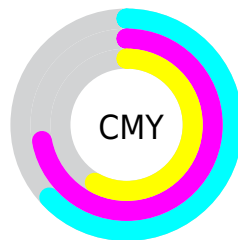


Cyan (13%)

Magenta (33%)

Yellow (0%)

Black (58%)



Cyan (63%)

Magenta (72%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E486C 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 5E486C by changing the saturation by 10% instead.

■ 5E486C

■ 5E486C

FFFFFF

■ 463154

■ 9179A0

■ 2F1C3C

■ AC93BB

■ 1B0427

■ C7ADD6

■ 000110

■ E3C9F3

■ 000000

■ FFE5FF

■ 5E486C

■ 5E486C

■ 5A3D6C

■ 62536C

■ 56326C

■ 665E6C

51286C

6B686C

4D1D6C

6F736C

49126C

737E6C

45076C

77896C

42006C

7B946C

809E6C

84A96C

Harmonies

Analogous

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



434F75



5E486C



6F425B

Triad

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



5E486C



654C2B



005B59

Complementary

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



5E486C



566C48

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.



255A45



5E486C



54522A

Square

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



5E486C



724536



3E5734



00596B

Rectangle

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



5E486C



75414E



3E5734



0C5B53

Sweetspot

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



5E486C



877E8C



48566C



443F47



C7C7C7



474747

Same Dimension

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



5E486C



76548C



6C4868



333036



480075



9600F5

Inverse Universe

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



6C4856



8C546A



486C4C



363032



75002E



F5005F

Previews

White Background



This preview shows how the Hex color 5E486C looks on a white background.

Color Contrast Check

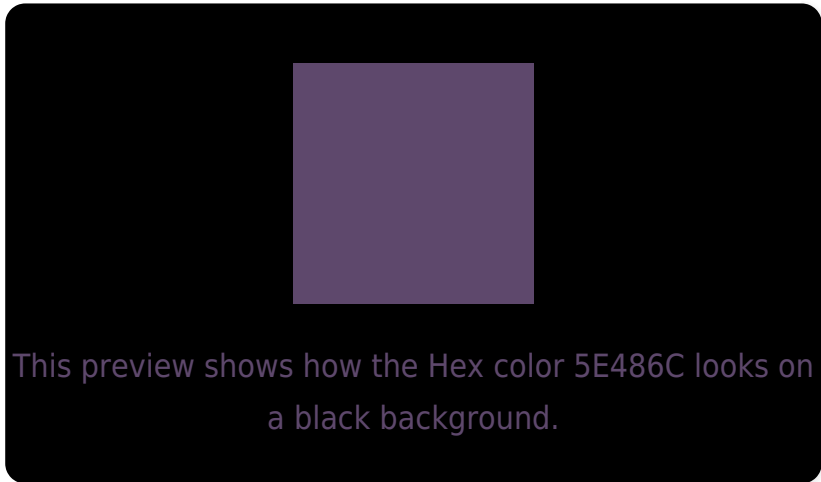
Large Text (above 18pt) WCAG AA ✓ Pass

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

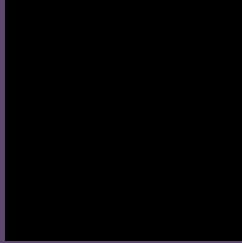
Any Text WCAG AA × Fail

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 5E486C Background



This preview shows how black text looks on a background with the Hex color 5E486C.

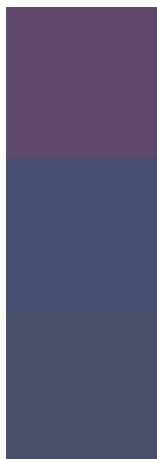


This preview shows how white text looks on a background with the Hex color 5E486C.

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
5E486C

Protanopia
464F72

Deuteranopia
4A4F6B



Tritanopia
5A4D53

Trichromacy



Original Color
5E486C

Protanomaly
4F4C70

Deuteranomaly
514C6B

Tritanomaly
5B4B5C

Monochromacy



Original Color
5E486C

Achromatopsia
535353

Achromatomaly
574F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E486C 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 #5E486C looks like.

```
.text, #text, p{  
    color:#5E486C  
}
```

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 #5E486C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E486C
}
```

Border

The CSS property to change the border of an element to Hex 5E486C is called "border". The border property can be set on classes, ids or directly on the HTML element.

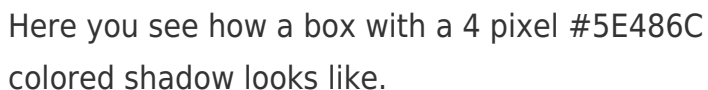
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E486C }
```

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

```
.border{ border-color:#5E486C }
```

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



Here you see how a box with a 4 pixel #5E486C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E486C; -webkit-box-shadow:4px 4px  
4px 4px #5E486C; box-shadow:4px 4px 4px  
4px #5E486C }
```

Background

The CSS property to change the background color of an element to Hex 5E486C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E486C }
```

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

```
.background{ background-color:#5E486C }
```

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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