

Converting Colors

Hex(5A446C)

Have a look what the booklet for
Hex(5A446C) contains.

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Color

Hex(5A446C)

Conversions

Conversions Part 1

Format	Color
Hex	5A446C
RGB	90, 68, 108
RGB Percent	35%, 27%, 42%
CMY	0.6471, 0.7333, 0.5765
CMYK	0.17, 0.37, 0.00, 0.58
HSL	273°, 23%, 35%
HSV	273°, 37%, 42%
XYZ	8.9903, 7.3906, 15.1400
YIQ	79.1380, 0.2720, 17.1040

Conversions

Conversions Part 2

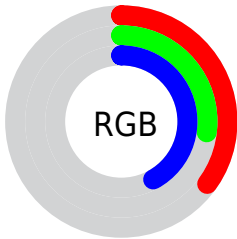
Format	Color
R_{YB}	90, 68, 108
Decimal	5915756
CIE _{Lab}	32.68, 17.99, -19.68
CIE _{LCh}	33, 26.664, 312.422
Yxy	7.3906, 0.2852, 0.2345
Android (android.graphics.Color)	4284105836 (0xFF5A446C)
YUV	79.1380, 14.2290, 9.5260
Hunter-Lab	27.1857, 11.4553, -13.9894

Details

The Hex color **5A446C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **566C44**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8D74A0**, and **2B183C** is the 20% darker color. If you saturate the color by 10%, you get **55396C**, and if you desaturate by 10%, it is **5F4F6C**.

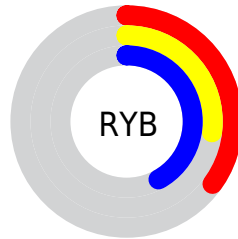
Distribution



Red (35%)

Green (27%)

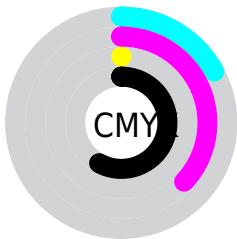
Blue (42%)



Red (35%)

Yellow (27%)

Blue (42%)

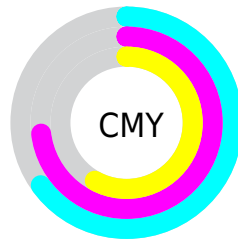


Cyan (17%)

Magenta (37%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A446C 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 5A446C by changing the saturation by 10% instead.



5A446C



5A446C

FFFFFF



422D54



8D74A0



2B183C



A78EBB



180027



C3A9D6



000110



DFC4F3



000000



FCE0FF



FFFDFF



5A446C



5A446C



55396C



5F4F6C

■ 502E6C

■ 645A6C

■ 4B246C

■ 69646C

■ 47196C

■ 6D6F6C

■ 420E6C

■ 727A6C

■ 3D036C

■ 77856C

■ 3B006C

■ 7C906C

■ 819A6C

■ 86A56C

Harmonies

Analogous

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



3A4C76



5A446C



6D3D5A

Triad

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



5A446C



644725



005855

Complementary

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



5A446C



566C44

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.



1B573F



5A446C



514E23

Square

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



5A446C



714031



3A542D



005669

Rectangle

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



5A446C



743B4C



3A542D



00584E

Sweetspot

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



5A446C



857D8C



44566C



433E47



C7C7C7



474747

Same Dimension

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



5A446C



704F8C



6C446A



333036



410075



8700F5

Inverse Universe

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



6C4456



8C4F6A



446C46



363033



750035



F5006E

Previews

White Background



This preview shows how the Hex color 5A446C looks on a white background.

Color Contrast Check

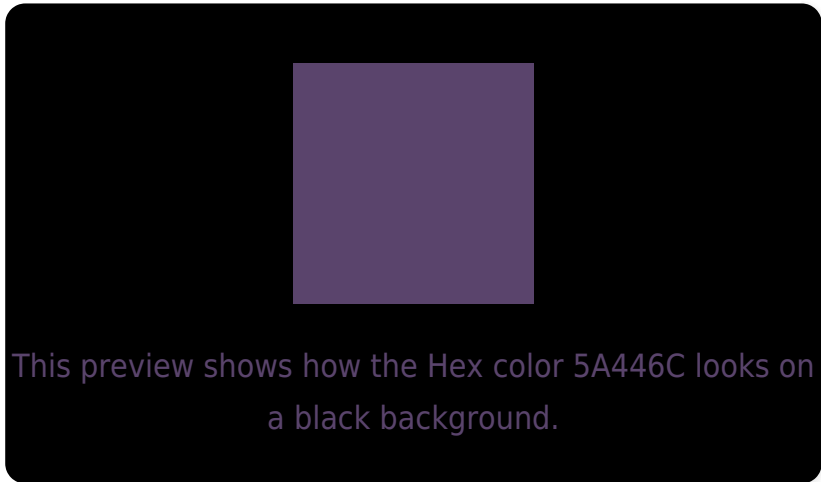
Large Text (above 18pt) WCAG AA ✓ Pass

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

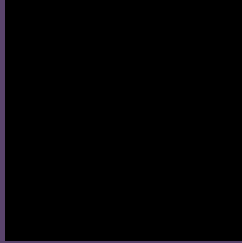
Any Text WCAG AA × Fail

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 5A446C Background



This preview shows how black text looks on a background with the Hex color 5A446C.



This preview shows how white text looks on a background with the Hex color 5A446C.

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](#).

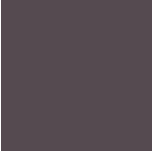
Dichromacy



Original Color
5A446C

Protanopia
404C72

Deuteranopia
444C6A



Tritanopia
554A50

Trichromacy



Original Color
5A446C

Protanomaly
494970

Deuteranomaly
4C496B

Tritanomaly
57485A

Monochromacy



Original Color
5A446C

Achromatopsia
4F4F4F

Achromatomaly
534B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A446C 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 #5A446C looks like.

```
.text, #text, p{  
    color:#5A446C  
}
```

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 #5A446C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A446C
}
```

Border

The CSS property to change the border of an element to Hex 5A446C is called "border". The border property can be set on classes, ids or directly on the HTML element.

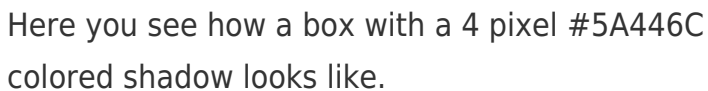
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A446C }
```

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

```
.border{ border-color:#5A446C }
```

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



Here you see how a box with a 4 pixel #5A446C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A446C; -webkit-box-shadow:4px 4px  
4px 4px #5A446C; box-shadow:4px 4px 4px  
4px #5A446C }
```

Background

The CSS property to change the background color of an element to Hex 5A446C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A446C }
```

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

```
.background{ background-color:#5A446C }
```

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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