

Converting Colors

Hex(5A3F6C)

Have a look what the booklet for
Hex(5A3F6C) contains.

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Color

Hex(5A3F6C)

Conversions

Conversions Part 1

Format	Color
Hex	5A3F6C
RGB	90, 63, 108
RGB Percent	35%, 25%, 42%
CMY	0.6471, 0.7529, 0.5765
CMYK	0.17, 0.42, 0.00, 0.58
HSL	276°, 26%, 34%
HSV	276°, 42%, 42%
XYZ	8.7007, 6.8114, 15.0435
YIQ	76.2030, 1.6470, 19.7190

Conversions

Conversions Part 2

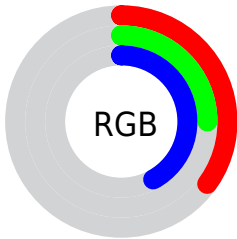
Format	Color
R_{YB}	90, 63, 108
Decimal	5914476
CIE _{Lab}	31.37, 21.15, -21.71
CIE _{LCh}	31, 30.310, 314.239
Yxy	6.8114, 0.2848, 0.2229
Android (android.graphics.Color)	4284104556 (0xFF5A3F6C)
YUV	76.2030, 15.6759, 12.1000
Hunter-Lab	26.0986, 13.8355, -15.9063

Details

The Hex color **5A3F6C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **516C3F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8D6FA0**, and **2B133C** is the 20% darker color. If you saturate the color by 10%, you get **56346C**, and if you desaturate by 10%, it is **5E4A6C**.

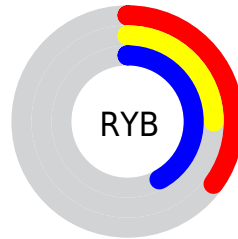
Distribution



Red (35%)

Green (25%)

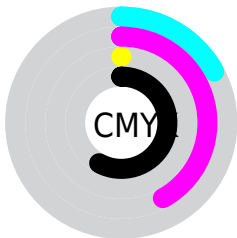
Blue (42%)



Red (35%)

Yellow (25%)

Blue (42%)

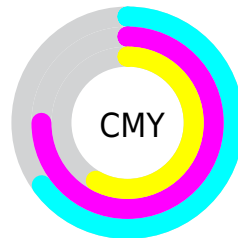


Cyan (17%)

Magenta (42%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3F6C 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 5A3F6C by changing the saturation by 10% instead.

■ 5A3F6C

■ 5A3F6C

FFFFFF

■ 422954

■ 8D6FA0

■ 2B133C

■ A889BB

■ 190027

■ C3A3D7

■ 000110

■ DFBEF3

■ 000000

■ FCDAFF

■ FFF7FF

■ 5A3F6C

■ 5A3F6C

■ 56346C

■ 5E4A6C

51296C

63556C

4D1F6C

675F6C

49146C

6B6A6C

44096C

70756C

41006C

74806C

788B6C

7D956C

81A06C

Harmonies

Analogous

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



354878



5A3F6C



6F3757

Triad

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



5A3F6C



62441B



005655

Complementary

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



5A3F6C



516C3F

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.



02553C



5A3F6C



4C4C19

Square

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



5A3F6C



713B2A



325226



00546A

Rectangle

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



5A3F6C



753547



325226



00564D

Sweetspot

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



5A3F6C



857A8C



3F516C



433C47



C7C7C7



474747

Same Dimension

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



5A3F6C



70468C



6C3F68



333036



460075



9300F5

Inverse Universe

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



6C3F51



8C4662



3F6C43



363032



75002F



F50062

Previews

White Background



This preview shows how the Hex color 5A3F6C looks on a white background.

Color Contrast Check

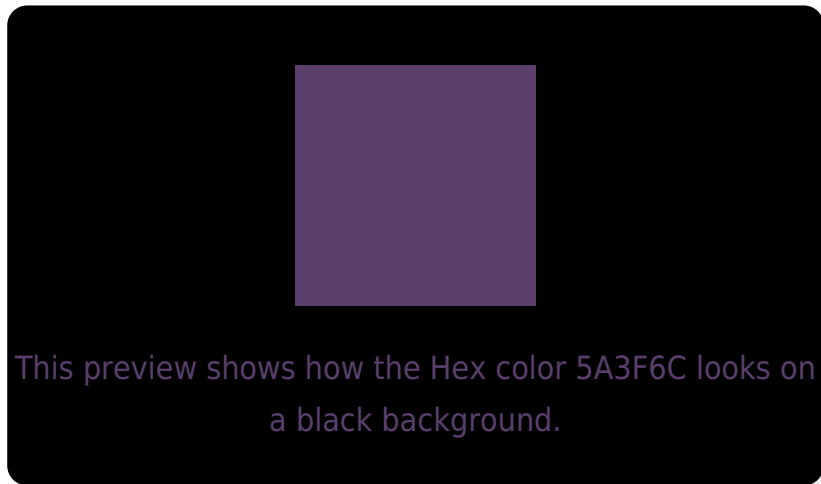
Large Text (above 18pt) WCAG AA ✓ Pass

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

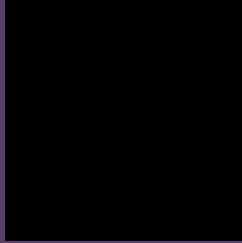
Any Text WCAG AA × Fail

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 5A3F6C Background



This preview shows how black text looks on a background with the Hex color 5A3F6C.



This preview shows how white text looks on a background with the Hex color 5A3F6C.

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
5A3F6C

Protanopia
3A4974

Deuteranopia
3E496A



Tritanopia
55464C

Trichromacy



Original Color
5A3F6C

Protanomaly
464571

Deuteranomaly
48456B

Tritanomaly
574358

Monochromacy



Original Color
5A3F6C

Achromatopsia
4C4C4C

Achromatomaly
514758

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3F6C 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 #5A3F6C looks like.

```
.text, #text, p{  
    color:#5A3F6C  
}
```

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 #5A3F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3F6C
}
```

Border

The CSS property to change the border of an element to Hex 5A3F6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

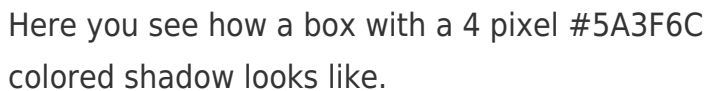
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3F6C }
```

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

```
.border{ border-color:#5A3F6C }
```

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



Here you see how a box with a 4 pixel #5A3F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3F6C; -webkit-box-shadow:4px 4px  
4px 4px #5A3F6C; box-shadow:4px 4px 4px  
4px #5A3F6C }
```

Background

The CSS property to change the background color of an element to Hex 5A3F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3F6C }
```

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

```
.background{ background-color:#5A3F6C }
```

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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