

Converting Colors

Hex(5A3754)

Have a look what the booklet for
Hex(5A3754) contains.

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Color

Hex(5A3754)

Conversions

Conversions Part 1

Format	Color
Hex	5A3754
RGB	90, 55, 84
RGB Percent	35%, 22%, 33%
CMY	0.6471, 0.7843, 0.6706
CMYK	0.00, 0.39, 0.07, 0.65
HSL	310°, 24%, 28%
HSV	310°, 39%, 35%
XYZ	7.1829, 5.5461, 9.0794
YIQ	68.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

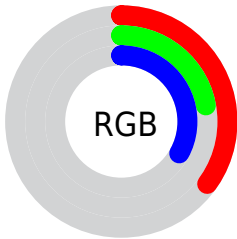
Format	Color
RYB	90, 55, 84
Decimal	5912404
CIELab	28.24, 20.71, -11.11
CIELCh	28, 23.504, 331.803
Yxy	5.5461, 0.3294, 0.2543
Android (android.graphics.Color)	4284102484 (0xFF5A3754)
YUV	68.7710, 7.5079, 18.6178
Hunter-Lab	23.5502, 13.2300, -6.3732




Details

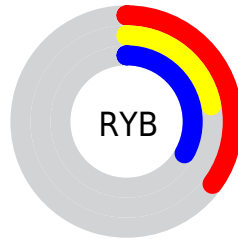
The Hex color **5A3754** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **375A3D**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **8D6786**, and **2B0B27** is the 20% darker color. If you saturate the color by 10%, you get **5A2E52**, and if you desaturate by 10%, it is **5A4056**.

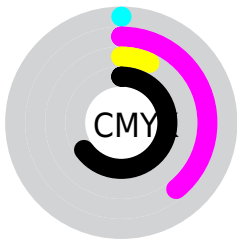
Distribution







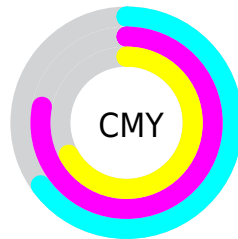
-  Red (35%)
-  Green (22%)
-  Blue (33%)






-  Red (35%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (7%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (78%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3754 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 5A3754 by changing the saturation by 10% instead.

■ 5A3754

■ 5A3754

FFFFFF

■ 42213D

■ 8D6786

■ 2B0B27

■ A780A0

■ 150012

■ C39ABB

■ 000000

■ DFB5D7

■ FCD1F3

■ FFEDFF

■ 5A3754

■ 5A3754

■ 5A2E52

■ 5A4056

■ 5A2551

■ 5A4957

■ 5A1C4F

■ 5A5259

■ 5A134E

■ 5A5B5A

■ 5A0A4C

■ 5A645C

■ 5A014B

■ 5A6D5D

■ 5A004B

■ 5A765F

■ 5A7F60

■ 5A8862

Harmonies

Analogous

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



463D61



5A3754



643442

Triad

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



5A3754



4D421E



004C55

Complementary

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



5A3754



375A3D

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.



004C43



5A3754



3A4723

Square

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



5A3754



5B3C23



234B31



004962

Rectangle

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



5A3754



653536



234B31



004C4F

Sweetspot

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



5A3754



756773



3D375A



3B3239



BABABA



3B3B3B

Same Dimension

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



5A3754



753E6C



5A3743



2E292D



6E005B



ED00C4

Inverse Universe

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



5A3754



753E6C



375A4E



2E292D



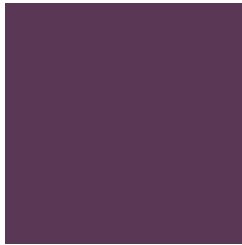
6E005B



ED00C4

Previews

White Background



This preview shows how the Hex color 5A3754 looks on a white background.

Color Contrast Check

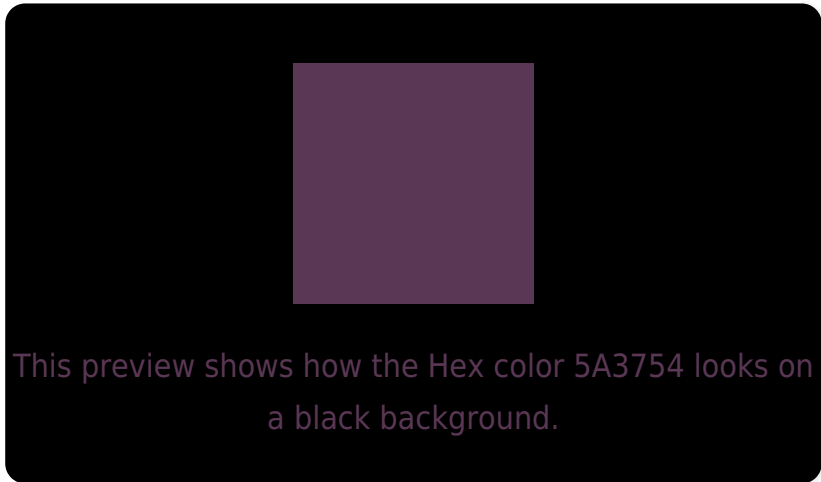
Large Text (above 18pt) WCAG AA ✓ Pass

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

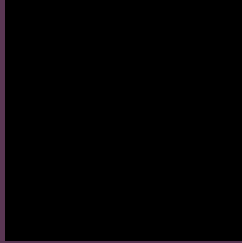
Any Text WCAG AA × Fail

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 5A3754 Background



This preview shows how black text looks on a background with the Hex color 5A3754.



This preview shows how white text looks on a background with the Hex color 5A3754.

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](#).

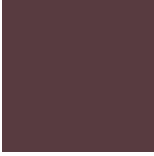
Dichromacy



Original Color
5A3754

Protanopia
3B425C

Deuteranopia
424252



Tritanopia
583B40

Trichromacy



Original Color
5A3754

Protanomaly
463E59

Deuteranomaly
4B3E53

Tritanomaly
593A47

Monochromacy



Original Color
5A3754

Achromatopsia
454545

Achromatomaly
4D404A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3754 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 #5A3754 looks like.

```
.text, #text, p{  
    color:#5A3754  
}
```

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 #5A3754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3754
}
```

Border

The CSS property to change the border of an element to Hex 5A3754 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
#5A3754 }
```

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

```
.border{ border-color:#5A3754 }
```

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

Here you see how a box with a 4 pixel #5A3754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3754; -webkit-box-shadow:4px 4px  
4px 4px #5A3754; box-shadow:4px 4px 4px  
4px #5A3754 }
```

Background

The CSS property to change the background color of an element to Hex 5A3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3754 }
```

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

```
.background{ background-color:#5A3754 }
```

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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