

# Converting Colors

Hex(5A4043)

Have a look what the booklet for  
Hex(5A4043) contains.

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# Color

**Hex(5A4043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A4043
RGB	90, 64, 67
RGB Percent	35%, 25%, 26%
CMY	0.6471, 0.7490, 0.7373
CMYK	0.00, 0.29, 0.26, 0.65
HSL	353°, 17%, 30%
HSV	353°, 29%, 35%
XYZ	7.0630, 6.2457, 6.1435
YIQ	72.1160, 14.5330, 6.4450

# Conversions

## Conversions Part 2

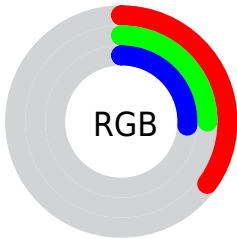
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 64, 67
Decimal	5914691
CIELab	30.02, 11.83, 2.64
CIElCh	30, 12.122, 12.592
Yxy	6.2457, 0.3631, 0.3211
Android (android.graphics.Color)	4284104771 (0xFF5A4043)
YUV	72.1160, -2.5222, 15.6843
Hunter-Lab	24.9914, 6.7120, 2.9191

# Details

The Hex color **5A4043** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **405A57**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8D7073**, and **2B1518** is the 20% darker color. If you saturate the color by 10%, you get **5A373B**, and if you desaturate by 10%, it is **5A494B**.

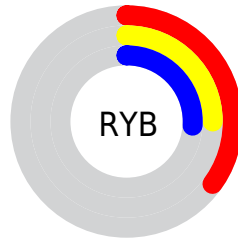
# Distribution



 Red (35%)

 Green (25%)

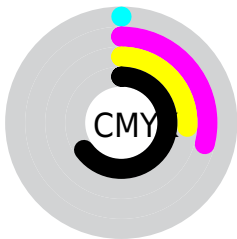
 Blue (26%)



 Red (35%)

 Yellow (25%)

 Blue (26%)

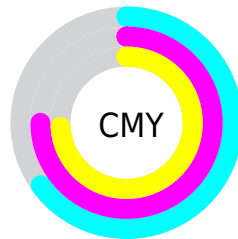


 Cyan (0%)

 Magenta (29%)

 Yellow (26%)

 Black (65%)



 Cyan (65%)

 Magenta (75%)

 Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4043 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 5A4043 by changing the saturation by 10% instead.



■ 5A4043

■ 5A4043

FFFFFF

■ 422A2D

■ 8D7073

■ 2B1518

■ A7898C

■ 180001

■ C3A4A7

■ 000000

■ DFBFC2

■ FBDBDE

■ FFF7FA

■ 5A4043

■ 5A4043

■ 5A373B

■ 5A494B

 5A2E33

 5A5253

 5A252B

 5A5B5B

 5A1C23

 5A6463

 5A131B

 5A6D6B

 5A0A13

 5A7673

 5A010B

 5A7F7B

 5A000A

 5A8883

 5A918B

# Harmonies

## Analogous

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



56414D



5A4043



59413A

# Triad

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



5A4043



3F4A39



354958

# Complementary

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



5A4043



405A57

# 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.



2D4B53



5A4043



354C41

# Square

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



5A4043



4A4734



2D4C4A



414659

# Rectangle

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



5A4043



554336



2D4C4A



314A57



# Sweetspot

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



5A4043



756B6C



57405A



3B3435



BABABA



3B3B3B



# Same Dimension

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



5A4043



754C51



5A4A40



2E292A



6E000D



ED001B



# Inverse Universe

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



5A4043



754C51



40505A



2E292A



6E000D

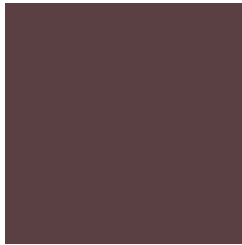


ED001B



# Previews

## White Background



This preview shows how the Hex color 5A4043 looks on a white background.

## Color Contrast Check

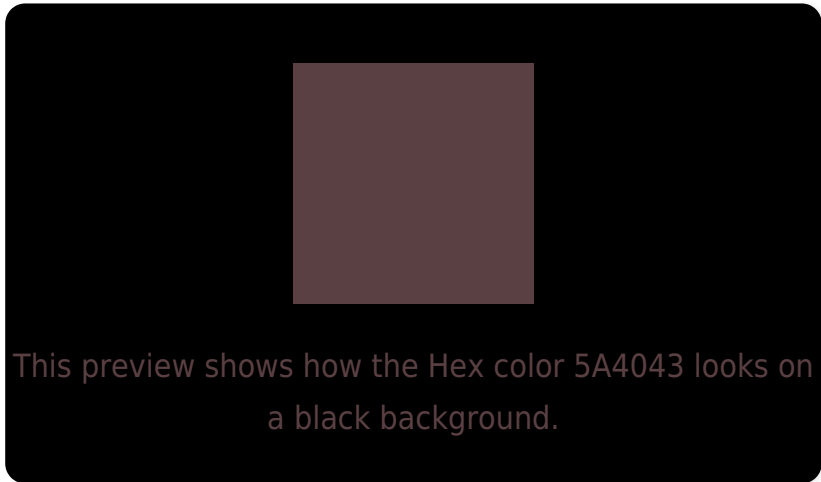
Large Text (above 18pt) WCAG AA ✓ Pass

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

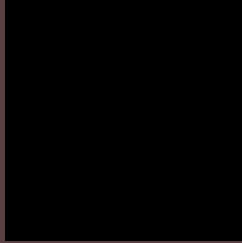
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A4043 Background



This preview shows how black text looks on a background with the Hex color 5A4043.

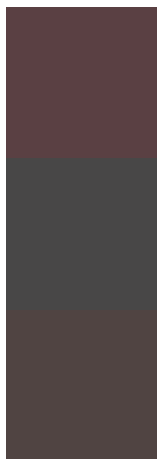


This preview shows how white text looks on a background with the Hex color 5A4043.

# 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**  
5A4043

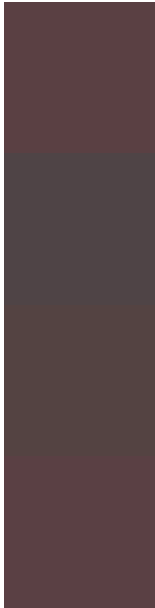
**Protanopia**  
484747

**Deuteranopia**  
504442



**Tritanopia**  
5A4045

# Trichromacy



**Original Color**

5A4043

**Protanomaly**

4F4446

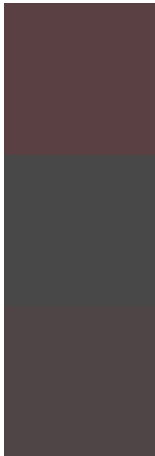
**Deuteranomaly**

544342

**Tritanomaly**

5A4044

# Monochromacy



**Original Color**

5A4043

**Achromatopsia**

484848

**Achromatomaly**

4F4546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4043 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 #5A4043 looks like.

```
.text, #text, p{  
    color:#5A4043  
}
```

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 #5A4043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4043
}
```

## Border

The CSS property to change the border of an element to Hex 5A4043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

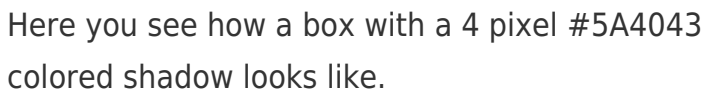
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4043 }
```

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

```
.border{ border-color:#5A4043 }
```

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



Here you see how a box with a 4 pixel #5A4043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4043; -webkit-box-shadow:4px 4px  
4px 4px #5A4043; box-shadow:4px 4px 4px  
4px #5A4043 }
```

# Background

The CSS property to change the background color of an element to Hex 5A4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4043 }
```

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

```
.background{ background-color:#5A4043 }
```

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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