

# Converting Colors

Hex(5B643D)

Have a look what the booklet for  
Hex(5B643D) contains.

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# Color

Hex(5B643D)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 5B643D                    |
| RGB         | 91, 100, 61               |
| RGB Percent | 36%, 39%, 24%             |
| CMY         | 0.6431, 0.6078, 0.7608    |
| CMYK        | 0.09, 0.00, 0.39, 0.61    |
| HSL         | 74°, 24%, 32%             |
| HSV         | 74°, 39%, 39%             |
| XYZ         | 9.7139, 11.6754, 6.1565   |
| YIQ         | 92.8630, 7.1550, -14.0370 |

# Conversions

## Conversions Part 2

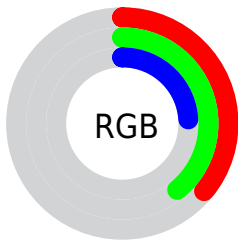
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 61, 100, 70                   |
| Decimal                             | 5989437                       |
| CIELab                              | 40.70, -10.61, 20.99          |
| CIELCh                              | 41, 23.516, 116.813           |
| Yxy                                 | 11.6754, 0.3526,<br>0.4239    |
| Android<br>(android.graphics.Color) | 4284179517<br>(0xFF5B643D)    |
| YUV                                 | 92.8630, -15.7085,<br>-1.6339 |
| Hunter-Lab                          | 34.1693, -9.0512,<br>13.2359  |

# Details

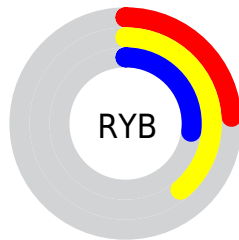
The Hex color **5B643D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **463D64**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8E976D**, and **2C3511** is the 20% darker color. If you saturate the color by 10%, you get **596433**, and if you desaturate by 10%, it is **5D6447**.

# Distribution



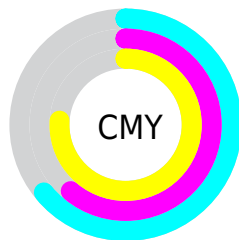
- Red (36%)
- Green (39%)
- Blue (24%)



- Red (24%)
- Yellow (39%)
- Blue (27%)



- Cyan (9%)
- Magenta (0%)
- Yellow (39%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B643D 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 5B643D by changing the saturation by 10% instead.



 5B643D

 5B643D

FFFFFF

 434C27

 8E976D

 2C3511

 A8B286

 182000

 C4CDA1

 000500

 E0E9BC

 000000

 FDFFD8

 FFFFF4

 5B643D

 5B643D

 596433

 5D6447

■ 566429

■ 606451

■ 54641F

■ 62645B

■ 526415

■ 646465

■ 4F640B

■ 67646F

■ 4D6401

■ 696479

■ 4D6400

■ 6B6483

■ 6D648D

■ 706497

# Harmonies

## Analogous

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



6F5E39



5B643D



44684A

# Triad

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



5B643D



226780



835163

# Complementary

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



5B643D



463D64

# 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.



765575



5B643D



416286

# Square

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



5B643D



186A71



5F5C82



855250

# Rectangle

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



5B643D



346A57



5F5C82



805269



# Sweetspot

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



5B643D



7E8272



64453D



404239



C2C2C2



424242



# Same Dimension

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



5B643D



748245



48643D



32332E



587300



BAF200



# Inverse Universe

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



463D64



534582



593D64



2F2E33



1A0073



3800F2



# Previews

## White Background



This preview shows how the Hex color 5B643D looks on a white background.

## Color Contrast Check

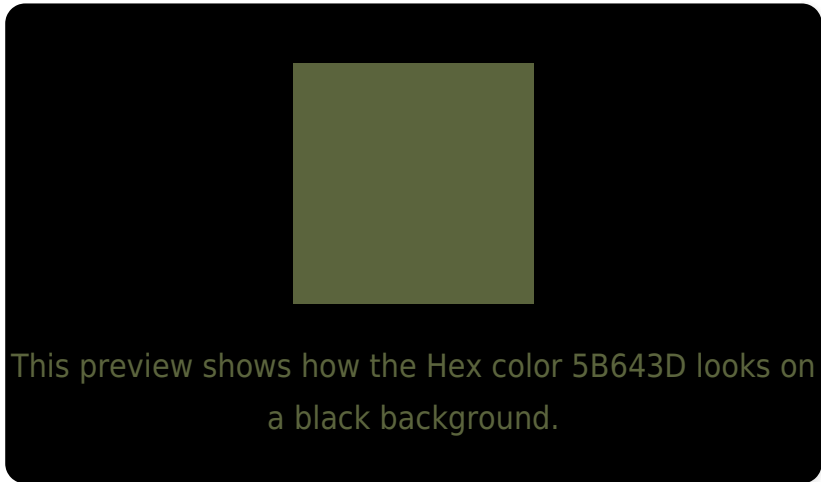
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

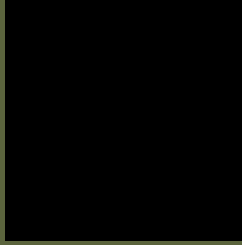
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B643D Background



This preview shows how black text looks on a background with the Hex color 5B643D.



This preview shows how white text looks on a background with the Hex color 5B643D.

# 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**  
5B643D

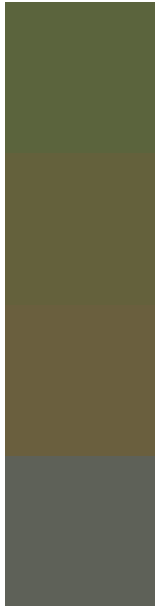
**Protanopia**  
69603B

**Deuteranopia**  
735C3F



**Tritanopia**  
605F67

# Trichromacy



**Original Color**  
5B643D

**Protanomaly**  
64613C

**Deuteranomaly**  
6A5F3E

**Tritanomaly**  
5E6158

# Monochromacy



**Original Color**  
5B643D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5C6051

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B643D 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 #5B643D looks like.

```
.text, #text, p{  
    color:#5B643D  
}
```

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 #5B643D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B643D
}
```

## Border

The CSS property to change the border of an element to Hex 5B643D 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
#5B643D }
```

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

```
.border{ border-color:#5B643D }
```

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

Here you see how a box with a 4 pixel #5B643D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B643D; -webkit-box-shadow:4px 4px  
4px 4px #5B643D; box-shadow:4px 4px 4px  
4px #5B643D }
```

# Background

The CSS property to change the background color of an element to Hex 5B643D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B643D }
```

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

```
.background{ background-color:#5B643D }
```

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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