

# Converting Colors

Hex(5B634D)

Have a look what the booklet for  
Hex(5B634D) contains.

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# Color

Hex(5B634D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B634D
RGB	91, 99, 77
RGB Percent	36%, 39%, 30%
CMY	0.6431, 0.6118, 0.6980
CMYK	0.08, 0.00, 0.22, 0.61
HSL	82°, 13%, 35%
HSV	82°, 22%, 39%
XYZ	10.1158, 11.6836, 8.7432
YIQ	94.1000, 2.2940, -8.5380

# Conversions

## Conversions Part 2

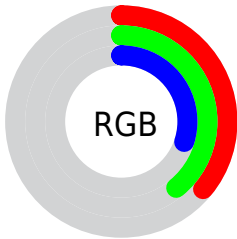
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 99, 85
Decimal	5989197
CIE Lab	40.71, -7.48, 11.49
CIE LCh	41, 13.712, 123.082
Yxy	11.6836, 0.3312, 0.3825
Android (android.graphics.Color)	4284179277 (0xFF5B634D)
YUV	94.1000, -8.4303, -2.7187
Hunter-Lab	34.1814, -6.9913, 8.7613

# Details

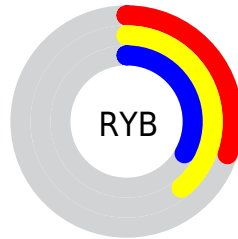
The Hex color **5B634D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554D63**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D967E**, and **2D3521** is the 20% darker color. If you saturate the color by 10%, you get **576343**, and if you desaturate by 10%, it is **5F6357**.

# Distribution



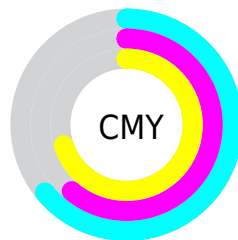
- Red (36%)
- Green (39%)
- Blue (30%)



- Red (30%)
- Yellow (39%)
- Blue (33%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B634D 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 5B634D by changing the saturation by 10% instead.





5B634D



5B634D

FFFFFF



434B36



8D967E



2D3521



A8B098



191F0B



C3CCB3



000500



DFE8CE



000000



FCFEEA



5B634D



5B634D



576343



5F6357



546339



626361

■ 50632F

■ 66636B

■ 4D6325

■ 696375

■ 49631B

■ 6D637F

■ 456312

■ 716388

■ 426308

■ 746392

■ 3F6300

■ 78639C

■ 7B63A6

# Harmonies

## Analogous

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



67604A



5B634D



4E6555

# Triad

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



5B634D



476474



76585F

# Complementary

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



5B634D



554D63

# 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.



70596A



5B634D



546176

# Square

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



5B634D



41666C



635D73



775954

# Rectangle

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



5B634D



47665D



635D73



755863



# Sweetspot

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



5B634D



7C8077



63554D



3E403B



BFBFBF



404040



# Same Dimension

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



5B634D



73805D



50634D



2F302C



477000



99F000



# Inverse Universe

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



554D63



6A5D80



604D63



2D2C30



290070



5700F0



# Previews

## White Background



This preview shows how the Hex color 5B634D looks on a white background.

## Color Contrast Check

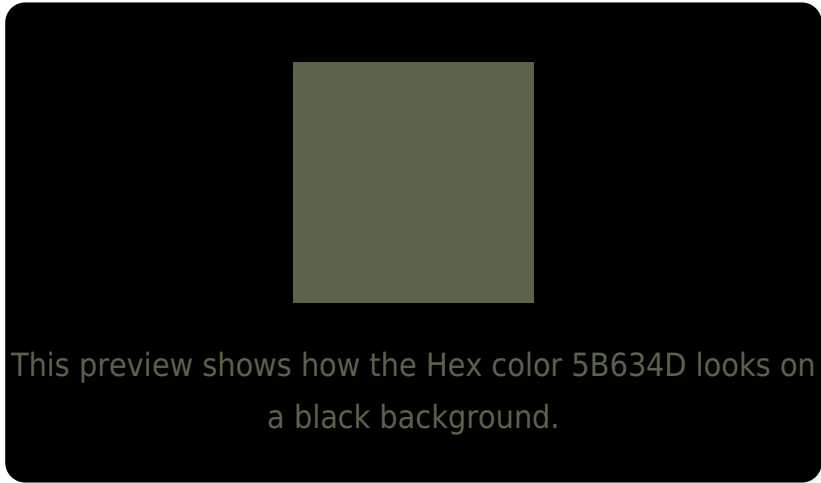
Large Text (above 18pt) WCAG AA ✓ Pass

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

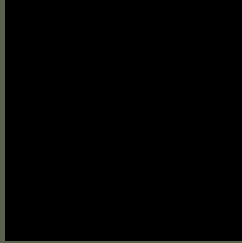
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

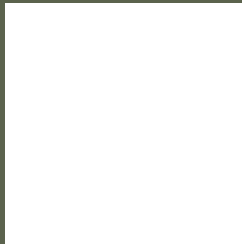
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B634D Background



This preview shows how black text looks on a background with the Hex color 5B634D.

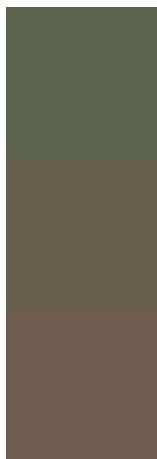


This preview shows how white text looks on a background with the Hex color 5B634D.

# 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**  
5B634D

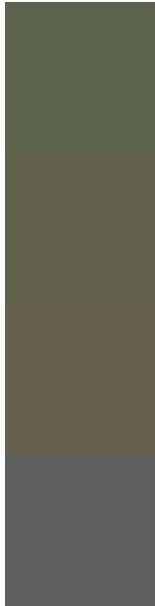
**Protanopia**  
66604B

**Deuteranopia**  
6F5C4E



**Tritanopia**  
5F5F67

# Trichromacy



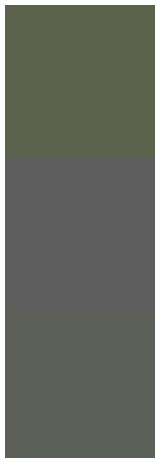
**Original Color**  
5B634D

**Protanomaly**  
62614C

**Deuteranomaly**  
685F4E

**Tritanomaly**  
5E605E

# Monochromacy



**Original Color**  
5B634D

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5D6058

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B634D 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 #5B634D looks like.

```
.text, #text, p{  
    color:#5B634D  
}
```

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 #5B634D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B634D
}
```

## Border

The CSS property to change the border of an element to Hex 5B634D 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
#5B634D }
```

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

```
.border{ border-color:#5B634D }
```

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

Here you see how a box with a 4 pixel #5B634D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B634D; -webkit-box-shadow:4px 4px  
4px 4px #5B634D; box-shadow:4px 4px 4px  
4px #5B634D }
```

# Background

The CSS property to change the background color of an element to Hex 5B634D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B634D }
```

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

```
.background{ background-color:#5B634D }
```

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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