

Converting Colors

Hex(5B644B)

Have a look what the booklet for
Hex(5B644B) contains.

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Color

Hex(5B644B)

Conversions

Conversions Part 1

Format	Color
Hex	5B644B
RGB	91, 100, 75
RGB Percent	36%, 39%, 29%
CMY	0.6431, 0.6078, 0.7059
CMYK	0.09, 0.00, 0.25, 0.61
HSL	82°, 14%, 34%
HSV	82°, 25%, 39%
XYZ	10.1416, 11.8465, 8.4087
YIQ	94.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

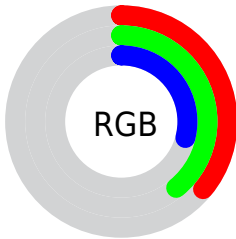
Format	Color
RYB	75, 100, 84
Decimal	5989451
CIELab	40.97, -8.41, 13.06
CIElCh	41, 15.532, 122.799
Yxy	11.8465, 0.3336, 0.3897
Android (android.graphics.Color)	4284179531 (0xFF5B644B)
YUV	94.4590, -9.5933, -3.0335
Hunter-Lab	34.4187, -7.6374, 9.6082

Details

The Hex color **5B644B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **544B64**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8D977C**, and **2D351F** is the 20% darker color. If you saturate the color by 10%, you get **576441**, and if you desaturate by 10%, it is **5F6455**.

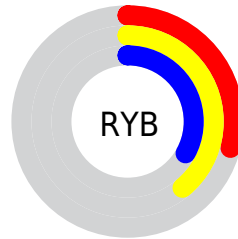
Distribution



Red (36%)

Green (39%)

Blue (29%)



Red (29%)

Yellow (39%)

Blue (33%)

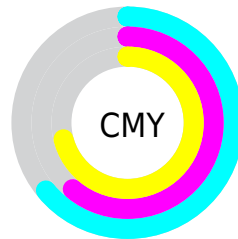


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B644B 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 5B644B by changing the saturation by 10% instead.



5B644B



5B644B

FFFFFF



434C34



8D977C



2D351F



A8B296



192008



C3CDB0



000700



DFE9CC



000000



FCFE8



5B644B



5B644B



576441



5F6455



546437



62645F

■ 50642D

■ 666469

■ 4D6423

■ 696473

■ 496419

■ 6D647D

■ 45640F

■ 716487

■ 426405

■ 746491

■ 406400

■ 78649B

■ 7B64A5

Harmonies

Analogous

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



696047



5B644B



4D6755

Triad

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



5B644B



436577



7A5760

Complementary

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



5B644B



544B64

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.



72596C



5B644B



53617A

Square

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



5B644B



3C676E



645D76



7A5953

Rectangle

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



5B644B



44685D



645D76



785864

Sweetspot

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



5B644B



7E8278



64544B



40423C



C2C2C2



424242

Same Dimension

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



5B644B



74825B



4F644B



31332E



497300



9BF200

Inverse Universe

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



544B64



695B82



604B64



302E33



290073



5700F2

Previews

White Background



This preview shows how the Hex color 5B644B looks on a white background.

Color Contrast Check

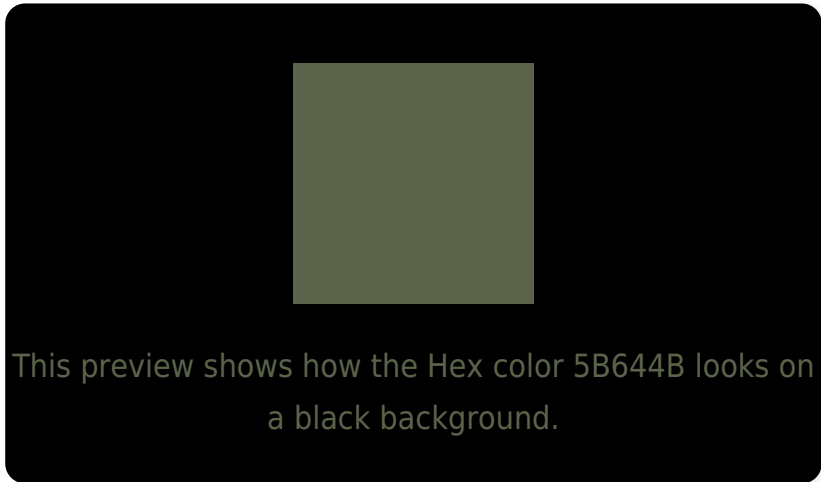
Large Text (above 18pt) WCAG AA ✓ Pass

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

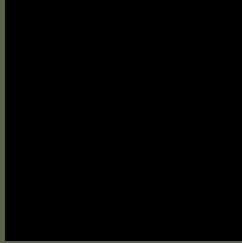
Any Text WCAG AA × Fail

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 5B644B Background



This preview shows how black text looks on a background with the Hex color 5B644B.

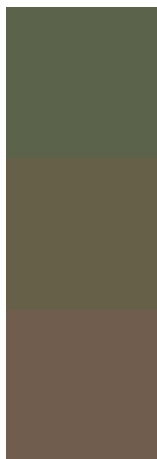


This preview shows how white text looks on a background with the Hex color 5B644B.

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
5B644B

Protanopia
676049

Deuteranopia
715D4D



Tritanopia
5F6068

Trichromacy



Original Color
5B644B

Protanomaly
63614A

Deuteranomaly
69604C

Tritanomaly
5E615D

Monochromacy



Original Color
5B644B

Achromatopsia
5E5E5E

Achromatomaly
5D6057

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B644B 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 #5B644B looks like.

```
.text, #text, p{  
    color:#5B644B  
}
```

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 #5B644B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B644B
}
```

Border

The CSS property to change the border of an element to Hex 5B644B 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".

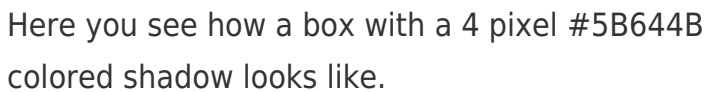
```
.border, #border, table{ border:4px solid
#5B644B }
```

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

```
.border{ border-color:#5B644B }
```

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

Here you see how a box with a 4 pixel #5B644B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B644B; -webkit-box-shadow:4px 4px  
4px 4px #5B644B; box-shadow:4px 4px 4px  
4px #5B644B }
```

Background

The CSS property to change the background color of an element to Hex 5B644B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B644B }
```

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

```
.background{ background-color:#5B644B }
```

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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