

Converting Colors

Hex(5B663D)

Have a look what the booklet for
Hex(5B663D) contains.

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Color

Hex(5B663D)

Conversions

Conversions Part 1

Format	Color
Hex	5B663D
RGB	91, 102, 61
RGB Percent	36%, 40%, 24%
CMY	0.6431, 0.6000, 0.7608
CMYK	0.11, 0.00, 0.40, 0.60
HSL	76°, 25%, 32%
HSV	76°, 40%, 40%
XYZ	9.9081, 12.0638, 6.2212
YIQ	94.0370, 6.6050, -15.0830

Conversions

Conversions Part 2

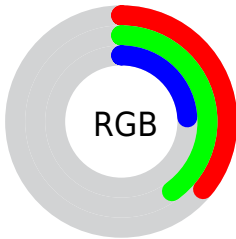
Format	Color
R _{YB}	61, 102, 72
Decimal	5989949
CIE Lab	41.32, -11.74, 21.79
CIE LCh	41, 24.753, 118.314
Yxy	12.0638, 0.3514, 0.4279
Android (android.graphics.Color)	4284180029 (0xFF5B663D)
YUV	94.0370, -16.2872, -2.6634
Hunter-Lab	34.7330, -9.8632, 13.6933

Details

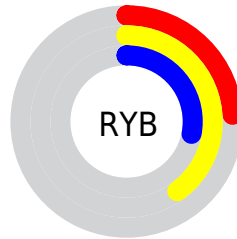
The Hex color **5B663D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **483D66**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8E996D**, and **2C3711** is the 20% darker color. If you saturate the color by 10%, you get **586633**, and if you desaturate by 10%, it is **5E6647**.

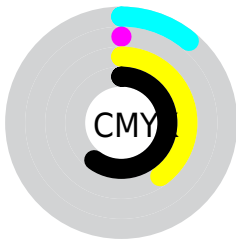
Distribution



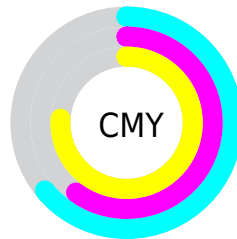
- Red (36%)
- Green (40%)
- Blue (24%)



- Red (24%)
- Yellow (40%)
- Blue (28%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B663D 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 5B663D by changing the saturation by 10% instead.



5B663D



5B663D

FFFFFF



434E27



8E996D



2C3711



A8B487



182200



C4CFA1



000900



E0ECBC



000000



FDFFD8



FFFFF4



5B663D



5B663D



586633



5E6647

■ 566629

■ 606651

■ 53661E

■ 63665C

■ 506614

■ 666666

■ 4D660A

■ 696670

■ 4B6600

■ 6B667A

■ 6E6684

■ 71668F

■ 746699

Harmonies

Analogous

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



706039



5B663D



436A4B

Triad

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



5B663D



1F6983



875263

Complementary

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



5B663D



483D66

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.



7A5677



5B663D



42648A

Square

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



5B663D



0E6C74



625D85



89534F

Rectangle

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



5B663D



316C59



625D85



84536A

Sweetspot

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



5B663D



808575



66483D



404239



C2C2C2



424242

Same Dimension

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



5B663D



748545



47663D



32332E



547300



B1F200

Inverse Universe

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



483D66



564585



5C3D66



2F2E33



1F0073



4100F2

Previews

White Background



This preview shows how the Hex color 5B663D looks on a white background.

Color Contrast Check

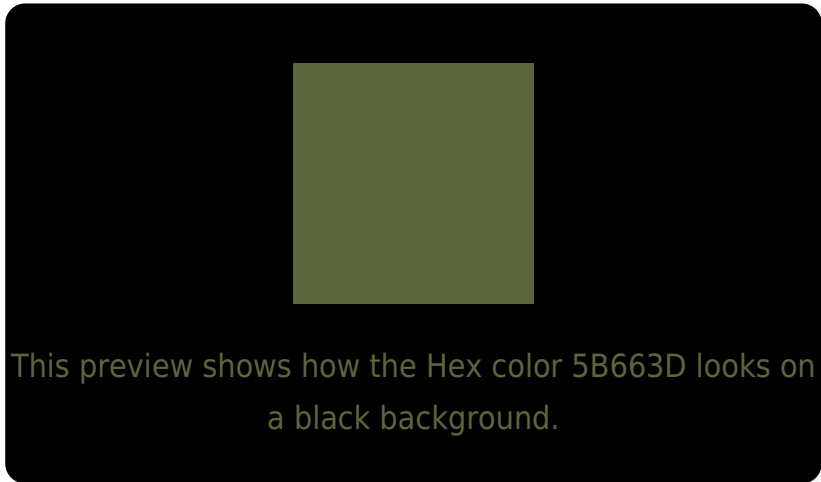
Large Text (above 18pt) WCAG AA ✓ Pass

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

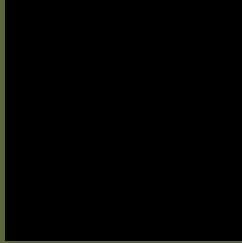
Any Text WCAG AA × Fail

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 5B663D Background



This preview shows how black text looks on a background with the Hex color 5B663D.



This preview shows how white text looks on a background with the Hex color 5B663D.

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
5B663D

Protanopia
6A613B

Deuteranopia
755D3F



Tritanopia
616168

Trichromacy



Original Color
5B663D

Protanomaly
65633C

Deuteranomaly
6C603E

Tritanomaly
5F6358

Monochromacy



Original Color
5B663D

Achromatopsia
5E5E5E

Achromatomaly
5D6152

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B663D 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 #5B663D looks like.

```
.text, #text, p{  
    color:#5B663D  
}
```

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 #5B663D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B663D
}
```

Border

The CSS property to change the border of an element to Hex 5B663D 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
#5B663D }
```

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

```
.border{ border-color:#5B663D }
```

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

Here you see how a box with a 4 pixel #5B663D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B663D; -webkit-box-shadow:4px 4px  
4px 4px #5B663D; box-shadow:4px 4px 4px  
4px #5B663D }
```

Background

The CSS property to change the background color of an element to Hex 5B663D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B663D }
```

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

```
.background{ background-color:#5B663D }
```

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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