

Converting Colors

Hex(5A663D)

Have a look what the booklet for
Hex(5A663D) contains.

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Color

Hex(5A663D)

Conversions

Conversions Part 1

Format	Color
Hex	5A663D
RGB	90, 102, 61
RGB Percent	35%, 40%, 24%
CMY	0.6471, 0.6000, 0.7608
CMYK	0.12, 0.00, 0.40, 0.60
HSL	78°, 25%, 32%
HSV	78°, 40%, 40%
XYZ	9.8101, 12.0133, 6.2166
YIQ	93.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

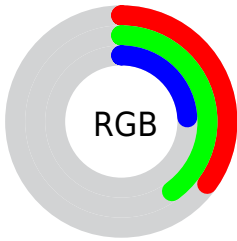
Format	Color
RYB	61, 102, 73
Decimal	5924413
CIELab	41.24, -12.17, 21.67
CIElCh	41, 24.857, 119.323
Yxy	12.0133, 0.3499, 0.4284
Android (android.graphics.Color)	4284114493 (0xFF5A663D)
YUV	93.7380, -16.1398, -3.2782
Hunter-Lab	34.6602, -10.1333, 13.6280

Details

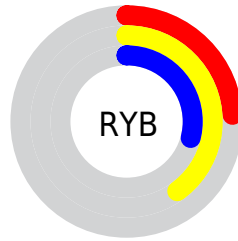
The Hex color **5A663D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **493D66**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D996D**, and **2B3711** is the 20% darker color. If you saturate the color by 10%, you get **576633**, and if you desaturate by 10%, it is **5D6647**.

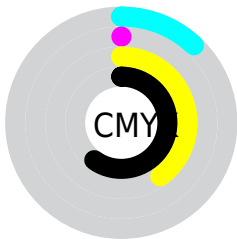
Distribution



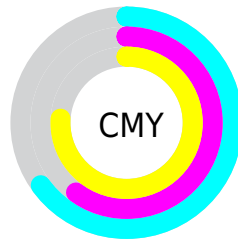
- Red (35%)
- Green (40%)
- Blue (24%)



- Red (24%)
- Yellow (40%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (40%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A663D 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 5A663D by changing the saturation by 10% instead.

 5A663D

 5A663D

FFFFFF

 424E27

 8D996D

 2B3711

 A7B487

 172200

 C3CFA1

 000800

 DFECBC

 000000

 FCFFD8

 FFFFF4

 5A663D

 5A663D

 576633

 5D6647

■ 546629

■ 606651

■ 51661E

■ 63665C

■ 4E6614

■ 666666

■ 4B660A

■ 696670

■ 486600

■ 6C667A

■ 6F6684

■ 72668F

■ 756699

Harmonies

Analogous

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



6F6038



5A663D



426A4C

Triad

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



5A663D



1F6984



875163

Complementary

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



5A663D



493D66

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.



7B5576



5A663D



43638A

Square

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



5A663D



0C6C75



635C85



88534E

Rectangle

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



5A663D



306C59



635C85



845269

Sweetspot

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



5A663D



808575



66493D



404239



C2C2C2



424242

Same Dimension

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



5A663D



728545



46663D



32332E



517300



ABF200

Inverse Universe

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



493D66



584585



5D3D66



2F2E33



220073



4700F2

Previews

White Background



This preview shows how the Hex color 5A663D looks on a white background.

Color Contrast Check

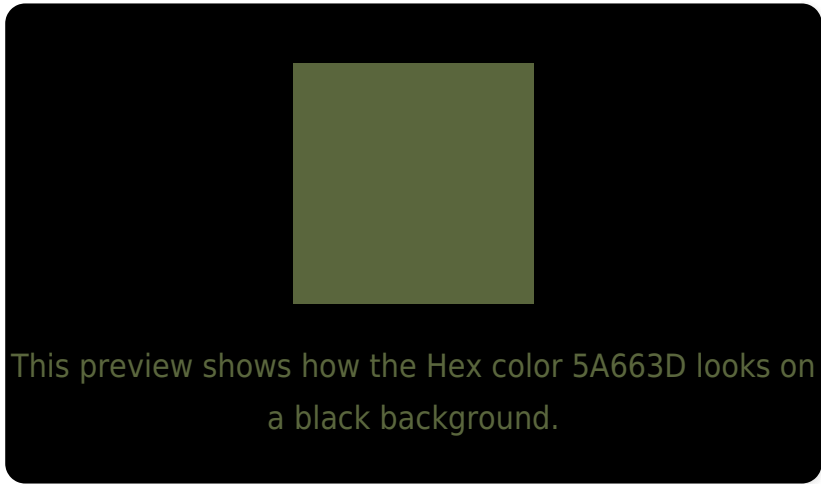
Large Text (above 18pt) WCAG AA ✓ Pass

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

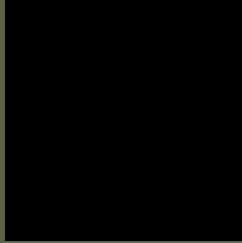
Any Text WCAG AA × Fail

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 5A663D Background



This preview shows how black text looks on a background with the Hex color 5A663D.



This preview shows how white text looks on a background with the Hex color 5A663D.

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
5A663D

Protanopia
6A613B

Deuteranopia
755D3F



Tritanopia
606168

Trichromacy



Original Color
5A663D

Protanomaly
64633C

Deuteranomaly
6B603E

Tritanomaly
5E6358

Monochromacy



Original Color
5A663D

Achromatopsia
5E5E5E

Achromatomaly
5D6152

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A663D 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 #5A663D looks like.

```
.text, #text, p{  
    color:#5A663D  
}
```

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 #5A663D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A663D
}
```

Border

The CSS property to change the border of an element to Hex 5A663D 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
#5A663D }
```

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

```
.border{ border-color:#5A663D }
```

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

Here you see how a box with a 4 pixel #5A663D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A663D; -webkit-box-shadow:4px 4px  
4px 4px #5A663D; box-shadow:4px 4px 4px  
4px #5A663D }
```

Background

The CSS property to change the background color of an element to Hex 5A663D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A663D }
```

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

```
.background{ background-color:#5A663D }
```

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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