

Converting Colors

Hex(5D633E)

Have a look what the booklet for
Hex(5D633E) contains.

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Color

Hex(5D633E)

Conversions

Conversions Part 1

Format	Color
Hex	5D633E
RGB	93, 99, 62
RGB Percent	36%, 39%, 24%
CMY	0.6353, 0.6118, 0.7569
CMYK	0.06, 0.00, 0.37, 0.61
HSL	70°, 23%, 32%
HSV	70°, 37%, 39%
XYZ	9.8455, 11.5986, 6.2773
YIQ	92.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

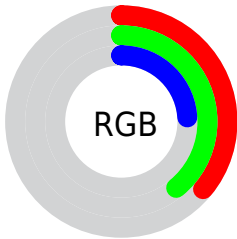
Format	Color
RYB	62, 99, 68
Decimal	6120254
CIELab	40.57, -9.02, 20.27
CIELCh	41, 22.190, 113.983
Yxy	11.5986, 0.3552, 0.4184
Android (android.graphics.Color)	4284310334 (0xFF5D633E)
YUV	92.9880, -15.2771, 0.0105
Hunter-Lab	34.0568, -7.9964, 12.9115

Details

The Hex color **5D633E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **443E63**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **90966E**, and **2E3512** is the 20% darker color. If you saturate the color by 10%, you get **5B6334**, and if you desaturate by 10%, it is **5F6348**.

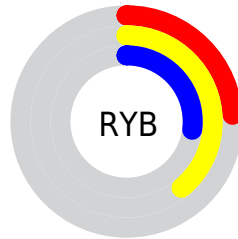
Distribution



Red (36%)

Green (39%)

Blue (24%)



Red (24%)

Yellow (39%)

Blue (27%)

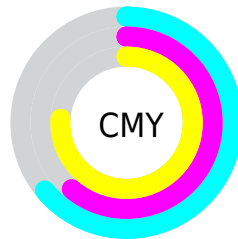


Cyan (6%)

Magenta (0%)

Yellow (37%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D633E 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 5D633E by changing the saturation by 10% instead.



5D633E



5D633E

FFFFFF



454B28



90966E



2E3512



ABB088



1A1F00



C6CCA2



000400



E2E8BD



000000



FFFFD9



FFFFF5



5D633E



5D633E



5B6334



5F6348

■ 5A632A

■ 606352

■ 586320

■ 62635C

■ 576316

■ 636366

■ 55630C

■ 656370

■ 536303

■ 676379

■ 536300

■ 686383

■ 6A638D

■ 6B6397

Harmonies

Analogous

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



6F5D3C



5D633E



48674A

Triad

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



5D633E



27677C



805264

Complementary

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



5D633E



443E63

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.



735675



5D633E



416283

Square

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



5D633E



21696E



5D5C81



835352

Rectangle

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



5D633E



396955



5D5C81



7D536A

Sweetspot

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



5D633E



7D8071



63443E



3E4037



BFBFBF



404040

Same Dimension

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



5D633E



768046



4B633E



30302C



5E7000



C9F000

Inverse Universe

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



443E63



4F4680



563E63



2C2C30



120070



2700F0

Previews

White Background



This preview shows how the Hex color 5D633E looks on a white background.

Color Contrast Check

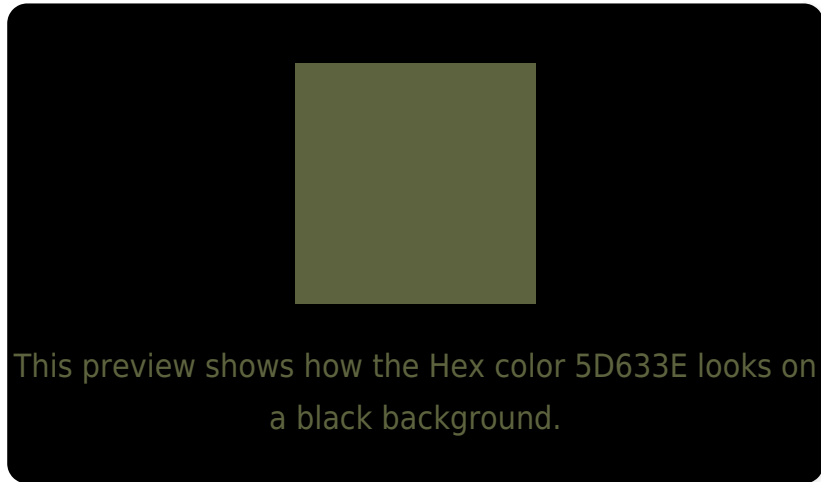
Large Text (above 18pt) WCAG AA ✓ Pass

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

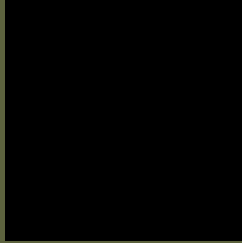
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

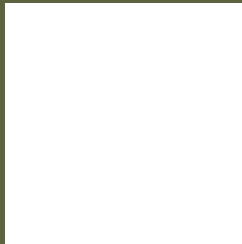
Any Text WCAG AAA × Fail

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

Hex 5D633E Background



This preview shows how black text looks on a background with the Hex color 5D633E.



This preview shows how white text looks on a background with the Hex color 5D633E.

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
5D633E

Protanopia
68603D

Deuteranopia
735B40



Tritanopia
625E66

Trichromacy



Original Color
5D633E

Protanomaly
64613D

Deuteranomaly
6B5E3F

Tritanomaly
606057

Monochromacy



Original Color
5D633E

Achromatopsia
5D5D5D

Achromatomaly
5D5F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D633E 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 #5D633E looks like.

```
.text, #text, p{  
    color:#5D633E  
}
```

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 #5D633E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D633E
}
```

Border

The CSS property to change the border of an element to Hex 5D633E 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
#5D633E }
```

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

```
.border{ border-color:#5D633E }
```

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

Here you see how a box with a 4 pixel #5D633E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D633E; -webkit-box-shadow:4px 4px  
4px 4px #5D633E; box-shadow:4px 4px 4px  
4px #5D633E }
```

Background

The CSS property to change the background color of an element to Hex 5D633E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D633E }
```

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

```
.background{ background-color:#5D633E }
```

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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