

Converting Colors

Hex(5E733F)

Have a look what the booklet for
Hex(5E733F) contains.

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Color

Hex(5E733F)

Conversions

Conversions Part 1

Format	Color
Hex	5E733F
RGB	94, 115, 63
RGB Percent	37%, 45%, 25%
CMY	0.6314, 0.5490, 0.7529
CMYK	0.18, 0.00, 0.45, 0.55
HSL	84°, 29%, 35%
HSV	84°, 45%, 45%
XYZ	11.6440, 15.0000, 6.9842
YIQ	102.7930, 4.1760, -20.6240

Conversions

Conversions Part 2

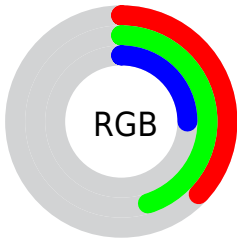
Format	Color
RYB	63, 115, 84
Decimal	6189887
CIELab	45.63, -17.34, 26.21
CIElCh	46, 31.422, 123.488
Yxy	15.0000, 0.3463, 0.4461
Android (android.graphics.Color)	4284379967 (0xFF5E733F)
YUV	102.7930, -19.6179, -7.7115
Hunter-Lab	38.7299, -14.1117, 16.4191

Details

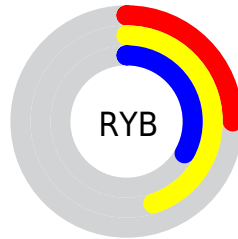
The Hex color **5E733F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **543F73**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **91A770**, and **2E4312** is the 20% darker color. If you saturate the color by 10%, you get **597333**, and if you desaturate by 10%, it is **63734B**.

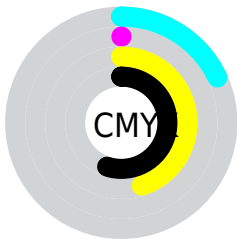
Distribution



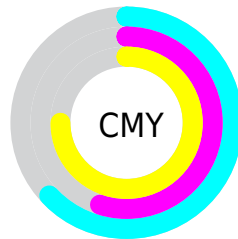
- Red (37%)
- Green (45%)
- Blue (25%)



- Red (25%)
- Yellow (45%)
- Blue (33%)



- Cyan (18%)
- Magenta (0%)
- Yellow (45%)
- Black (55%)



- Cyan (63%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E733F 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 5E733F by changing the saturation by 10% instead.

 5E733F

 5E733F

FFFFFF

 465A28

 91A770

 2E4312

 ACC289

 1A2C00

 C8DEA4

 001A00

 E4FBBF

 000000

 FFFFDB

 FFFFF8

 5E733F

 5E733F

 597333

 63734B

■ 557328

■ 677356

■ 50731D

■ 6C7362

■ 4B7311

■ 71736D

■ 477305

■ 757379

■ 457300

■ 7A7384

■ 7F7390

■ 83739B

■ 8873A6

Harmonies

Analogous

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



7A6C37



5E733F



3D7854

Triad

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



5E733F



00759A



9D576A

Complementary

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



5E733F



543F73

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.



8F5B84



5E733F



486EA0

Square

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



5E733F



007988



736498



9C5A50

Rectangle

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



5E733F



1F7965



736498



9A5773

Sweetspot

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



5E733F



8E9681



73543F



474D3F



CCCCCC



4D4D4D

Same Dimension

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



5E733F



769645



44733F



383B35



497A00



95FA00

Inverse Universe

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



543F73



664596



6E3F73



37353B



31007A



6500FA

Previews

White Background



This preview shows how the Hex color 5E733F looks on a white background.

Color Contrast Check

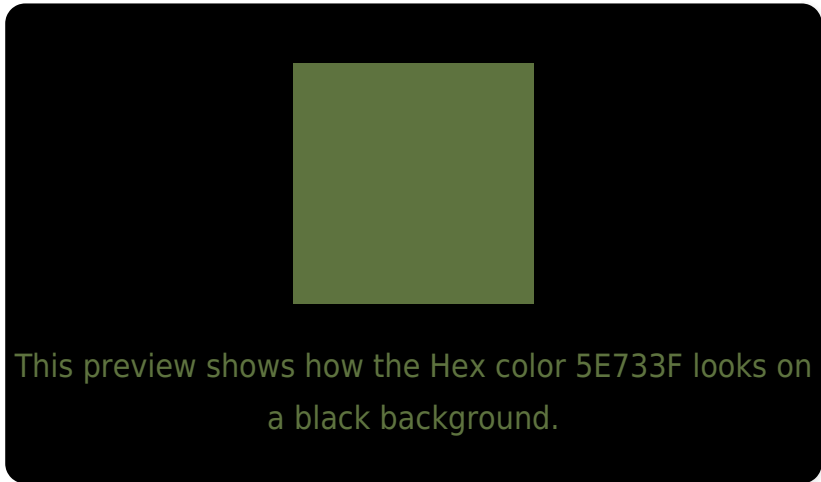
Large Text (above 18pt) WCAG AA ✓ Pass

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

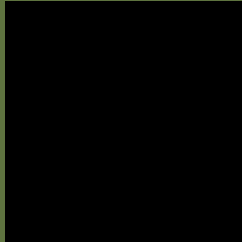
Any Text WCAG AA × Fail

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 5E733F Background



This preview shows how black text looks on a background with the Hex color 5E733F.



This preview shows how white text looks on a background with the Hex color 5E733F.

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
5E733F

Protanopia
766C3C

Deuteranopia
836742



Tritanopia
656D75

Trichromacy



Original Color
5E733F

Protanomaly
6D6F3D

Deuteranomaly
766B41

Tritanomaly
626F61

Monochromacy



Original Color
5E733F

Achromatopsia
676767

Achromatomaly
646B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E733F 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 #5E733F looks like.

```
.text, #text, p{  
    color:#5E733F  
}
```

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 #5E733F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E733F
}
```

Border

The CSS property to change the border of an element to Hex 5E733F 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
#5E733F }
```

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

```
.border{ border-color:#5E733F }
```

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

Here you see how a box with a 4 pixel #5E733F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E733F; -webkit-box-shadow:4px 4px  
4px 4px #5E733F; box-shadow:4px 4px 4px  
4px #5E733F }
```

Background

The CSS property to change the background color of an element to Hex 5E733F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E733F }
```

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

```
.background{ background-color:#5E733F }
```

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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