

Converting Colors

Hex(6E5939)

Have a look what the booklet for
Hex(6E5939) contains.

Hex(6E5939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E5939)

Conversions

Conversions Part 1

Format	Color
Hex	6E5939
RGB	110, 89, 57
RGB Percent	43%, 35%, 22%
CMY	0.5686, 0.6510, 0.7765
CMYK	0.00, 0.19, 0.48, 0.57
HSL	36°, 32%, 33%
HSV	36°, 48%, 43%
XYZ	10.7413, 10.7552, 5.3807
YIQ	91.6310, 22.7880, -5.5000

Conversions

Conversions Part 2

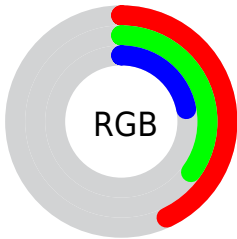
Format	Color
R_{YB}	92, 110, 57
Decimal	7231801
CIE _{Lab}	39.17, 3.96, 21.72
CIE _{LCh}	39, 22.076, 79.675
Yxy	10.7552, 0.3996, 0.4002
Android (android.graphics.Color)	4285421881 (0xFF6E5939)
YUV	91.6310, -17.0731, 16.1096
Hunter-Lab	32.7951, 1.0724, 13.2288

Details

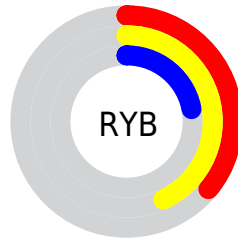
The Hex color **6E5939** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **394E6E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A38B69**, and **3D2C0E** is the 20% darker color. If you saturate the color by 10%, you get **6E552E**, and if you desaturate by 10%, it is **6E5D44**.

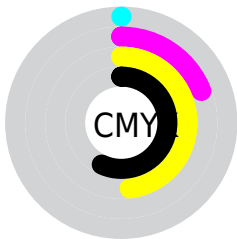
Distribution



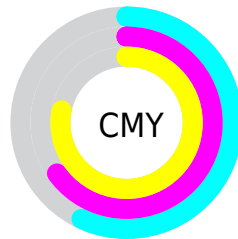
- Red (43%)
- Green (35%)
- Blue (22%)



- Red (36%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)
- Black (57%)



- Cyan (57%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E5939 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 6E5939 by changing the saturation by 10% instead.



6E5939



6E5939

FFFFFF



554223



A38B69



3D2C0E



BEA582



261700



DBC09C



010000



F8DCB7



000000



FFF9D3



FFFFEF



6E5939



6E5939



6E552E



6E5D44

■ 6E5023

■ 6E624F

■ 6E4C18

■ 6E665A

■ 6E480D

■ 6E6A65

■ 6E4302

■ 6E6F70

■ 6E4200

■ 6E737B

■ 6E7886

■ 6E7C91

■ 6E809C

Harmonies

Analogous

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



7B5342



6E5939



5C5F3A

Triad

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



6E5939



1E6668



6D5374

Complementary

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



6E5939



394E6E

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.



565A7E



6E5939



206477

Square

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



6E5939



326655



39607F



7B4F63

Rectangle

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



6E5939



4F6240



39607F



665678

Sweetspot

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



6E5939



8F877B



6E394E



47433B



C7C7C7



474747

Same Dimension

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



6E5939



8F6E3C



696E39



383632



784800



F79500

Inverse Universe

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



394E6E



3C5D8F



3E396E



323538



002F78



0062F7

Previews

White Background



This preview shows how the Hex color 6E5939 looks on a white background.

Color Contrast Check

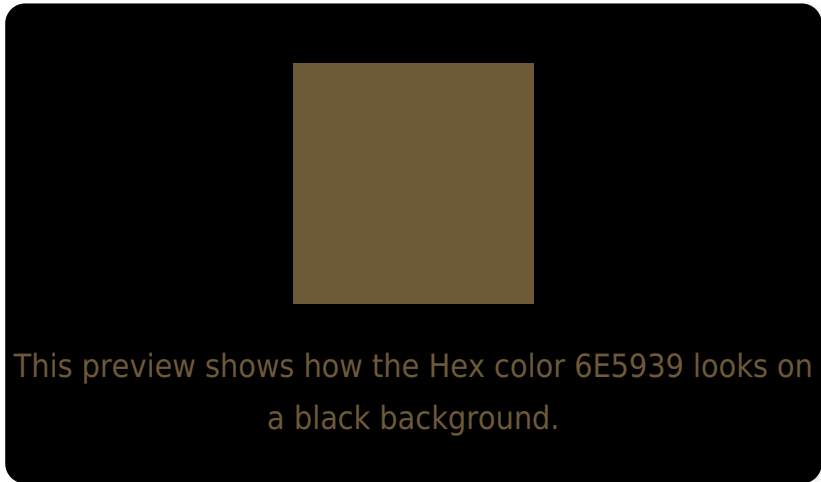
Large Text (above 18pt) WCAG AA ✓ Pass

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

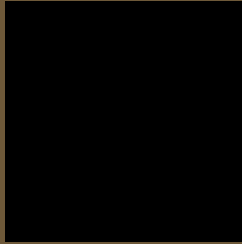
Any Text WCAG AA × Fail

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 6E5939 Background



This preview shows how black text looks on a background with the Hex color 6E5939.



This preview shows how white text looks on a background with the Hex color 6E5939.

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
6E5939

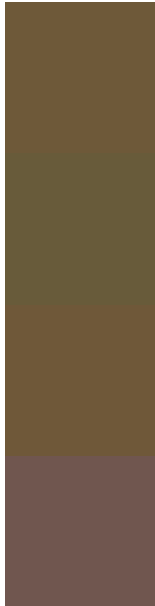
Protanopia
655C3A

Deuteranopia
705839



Tritanopia
71555B

Trichromacy



Original Color
6E5939

Protanomaly
685B3A

Deuteranomaly
6F5839

Tritanomaly
70564F

Monochromacy



Original Color
6E5939

Achromatopsia
5C5C5C

Achromatomaly
635B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E5939 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 #6E5939 looks like.

```
.text, #text, p{  
    color:#6E5939  
}
```

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 #6E5939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5939
}
```

Border

The CSS property to change the border of an element to Hex 6E5939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

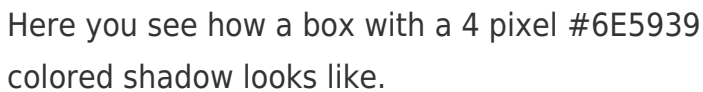
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E5939 }
```

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

```
.border{ border-color:#6E5939 }
```

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



Here you see how a box with a 4 pixel #6E5939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5939; -webkit-box-shadow:4px 4px  
4px 4px #6E5939; box-shadow:4px 4px 4px  
4px #6E5939 }
```

Background

The CSS property to change the background color of an element to Hex 6E5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5939 }
```

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

```
.background{ background-color:#6E5939 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor