

Converting Colors

Hex(6E4937)

Have a look what the booklet for
Hex(6E4937) contains.

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Color

Hex(6E4937)

Conversions

Conversions Part 1

Format	Color
Hex	6E4937
RGB	110, 73, 55
RGB Percent	43%, 29%, 22%
CMY	0.5686, 0.7137, 0.7843
CMYK	0.00, 0.34, 0.50, 0.57
HSL	20°, 33%, 32%
HSV	20°, 50%, 43%
XYZ	9.5025, 8.3559, 4.7264
YIQ	82.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

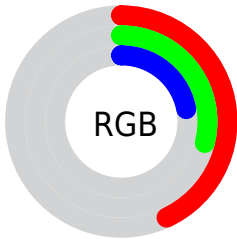
Format	Color
R_{YB}	110, 82, 55
Decimal	7227703
CIE Lab	34.71, 13.47, 17.15
CIE LCh	35, 21.805, 51.850
Yxy	8.3559, 0.4207, 0.3700
Android (android.graphics.Color)	4285417783 (0xFF6E4937)
YUV	82.0110, -13.3164, 24.5464
Hunter-Lab	28.9066, 8.0922, 10.5403

Details

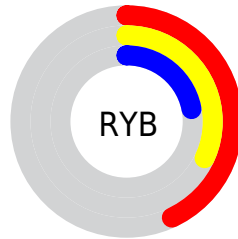
The Hex color **6E4937** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375C6E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A37A66**, and **3C1D0C** is the 20% darker color. If you saturate the color by 10%, you get **6E422C**, and if you desaturate by 10%, it is **6E5042**.

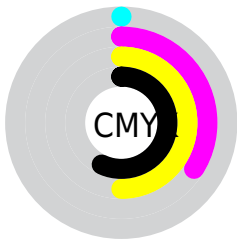
Distribution



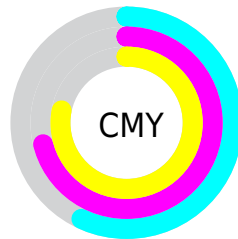
- Red (43%)
- Green (29%)
- Blue (22%)



- Red (43%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E4937 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 6E4937 by changing the saturation by 10% instead.

 6E4937

 6E4937

FFFFFF

 543221

 A37A66

 3C1D0C

 BF947F

 250600

 DCAE99

 000000

 F9CAB4

 FFE6CF

 FFFFE0

 6E4937

 6E4937

 6E422C

 6E5042

■ 6E3A21

■ 6E584D

■ 6E3316

■ 6E5F58

■ 6E2B0B

■ 6E6763

■ 6E2400

■ 6E6E6E

■ 6E7579

■ 6E7D84

■ 6E848F

■ 6E8C9A

Harmonies

Analogous

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



744546



6E4937



614F2F

Triad

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



6E4937



265B4C



4D4F72

Complementary

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



6E4937



375C6E

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.



315574



6E4937



0F5B5E

Square

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



6E4937



3C593C



13596C



634967

Rectangle

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



6E4937



56532F



13596C



445173

Sweetspot

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



6E4937



8F8079



6E375D



473F3B



C7C7C7



474747

Same Dimension

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



6E4937



8F5539



6E6437



383432



782700



F75100

Inverse Universe

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



375C6E



39738F



37416E



323638



005178



00A6F7

Previews

White Background



This preview shows how the Hex color 6E4937 looks on a white background.

Color Contrast Check

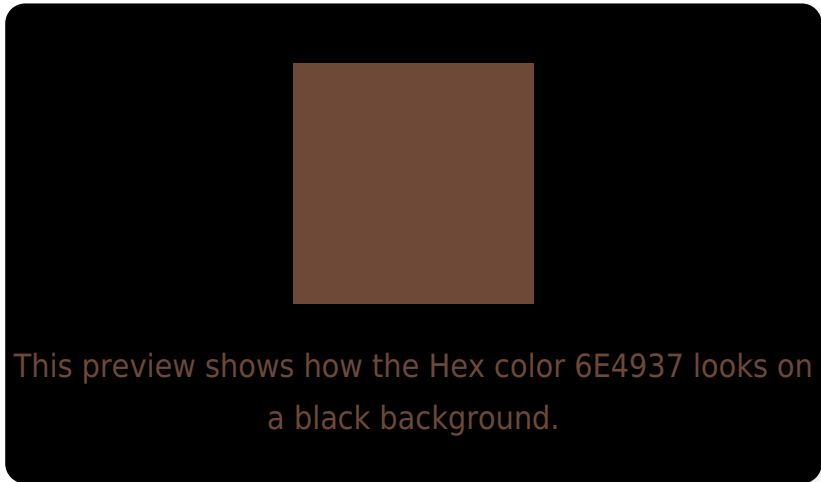
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

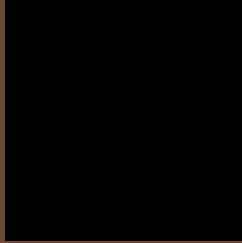
Any Text WCAG AA × Fail

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 6E4937 Background



This preview shows how black text looks on a background with the Hex color 6E4937.



This preview shows how white text looks on a background with the Hex color 6E4937.

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
6E4937

Protanopia
58523B

Deuteranopia
624E36



Tritanopia
70464C

Trichromacy



Original Color
6E4937

Protanomaly
604F3A

Deuteranomaly
664C36

Tritanomaly
6F4744

Monochromacy



Original Color
6E4937

Achromatopsia
525252

Achromatomaly
5C4F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E4937 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 #6E4937 looks like.

```
.text, #text, p{  
    color:#6E4937  
}
```

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 #6E4937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4937
}
```

Border

The CSS property to change the border of an element to Hex 6E4937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

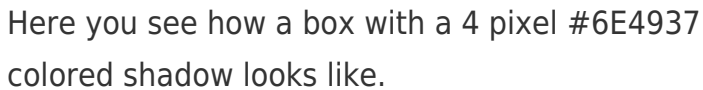
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4937 }
```

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

```
.border{ border-color:#6E4937 }
```

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



Here you see how a box with a 4 pixel #6E4937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4937; -webkit-box-shadow:4px 4px  
4px 4px #6E4937; box-shadow:4px 4px 4px  
4px #6E4937 }
```

Background

The CSS property to change the background color of an element to Hex 6E4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4937 }
```

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

```
.background{ background-color:#6E4937 }
```

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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