

Converting Colors

Hex(6E7636)

Have a look what the booklet for
Hex(6E7636) contains.

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Color

Hex(6E7636)

Conversions

Conversions Part 1

Format	Color
Hex	6E7636
RGB	110, 118, 54
RGB Percent	43%, 46%, 21%
CMY	0.5686, 0.5373, 0.7882
CMYK	0.07, 0.00, 0.54, 0.54
HSL	68°, 37%, 34%
HSV	68°, 54%, 46%
XYZ	13.5747, 16.5382, 5.9668
YIQ	108.3120, 15.7760, -21.6000

Conversions

Conversions Part 2

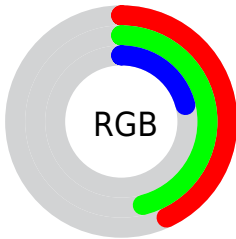
Format	Color
RYB	54, 118, 62
Decimal	7239222
CIELab	47.67, -13.09, 33.81
CIElCh	48, 36.261, 111.170
Yxy	16.5382, 0.3762, 0.4584
Android (android.graphics.Color)	4285429302 (0xFF6E7636)
YUV	108.3120, -26.7758, 1.4804
Hunter-Lab	40.6672, -11.5843, 19.7679

Details

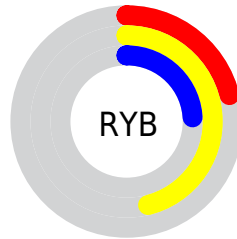
The Hex color **6E7636** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E3676**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A3AA67**, and **3C4605** is the 20% darker color. If you saturate the color by 10%, you get **6D762A**, and if you desaturate by 10%, it is **6F7642**.

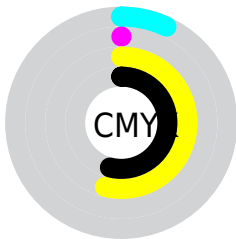
Distribution



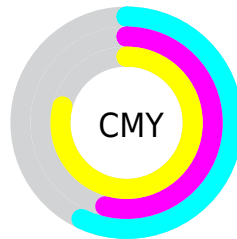
- Red (43%)
- Green (46%)
- Blue (21%)



- Red (21%)
- Yellow (46%)
- Blue (24%)



- Cyan (7%)
- Magenta (0%)
- Yellow (54%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7636 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 6E7636 by changing the saturation by 10% instead.



6E7636



6E7636

FFFFFF



555D1E



A3AA67



3C4605



BFC580



262F00



DBE19B



091B00



F8FEB6



000000



FFFFD2



FFFEE



6E7636



6E7636



6D762A



6F7642

■ 6B761E

■ 71764E

■ 6A7613

■ 727659

■ 687607

■ 747665

■ 677600

■ 757671

■ 77767D

■ 787689

■ 7A7694

■ 7B76A0

Harmonies

Analogous

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



8B6C34



6E7636



4A7D49

Triad

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



6E7636



007EA0



A5597B

Complementary

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



6E7636



3E3676

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.



8E6198



6E7636



2177AD

Square

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



6E7636



008186



656DAA



AB595D

Rectangle

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



6E7636



2A7F5C



656DAA



A05B86

Sweetspot

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



6E7636



969981



763D36



4B4D3E



CCCCCC



4D4D4D

Same Dimension

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



6E7636



8D9936



4F7636



3A3B35



6B7A00



DBFA00

Inverse Universe

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



3E3676



423699



5D3676



36353B



0F007A



1F00FA

Previews

White Background



This preview shows how the Hex color 6E7636 looks on a white background.

Color Contrast Check

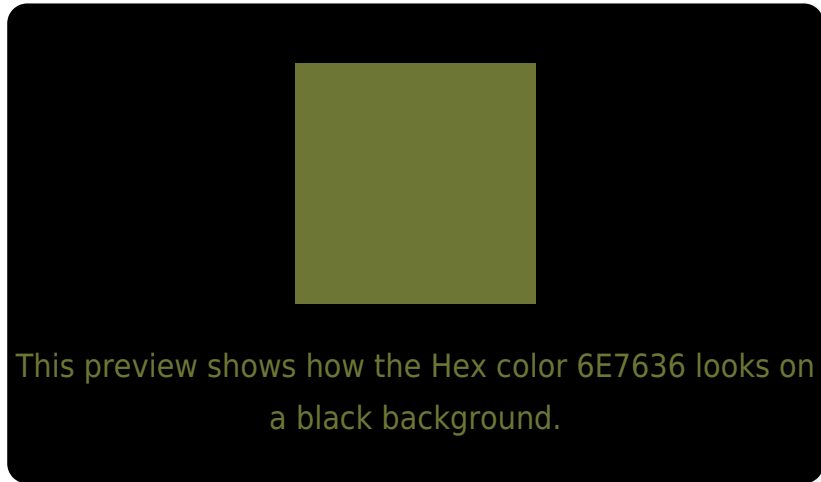
Large Text (above 18pt) WCAG AA ✓ Pass

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

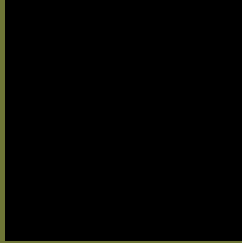
Any Text WCAG AA × Fail

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 6E7636 Background



This preview shows how black text looks on a background with the Hex color 6E7636.



This preview shows how white text looks on a background with the Hex color 6E7636.

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
6E7636

Protanopia
7D7134

Deuteranopia
8B6C39



Tritanopia
756F78

Trichromacy



Original Color
6E7636

Protanomaly
787335

Deuteranomaly
807038

Tritanomaly
727260

Monochromacy



Original Color
6E7636

Achromatopsia
6C6C6C

Achromatomaly
6D7058

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7636 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 #6E7636 looks like.

```
.text, #text, p{  
    color:#6E7636  
}
```

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 #6E7636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7636
}
```

Border

The CSS property to change the border of an element to Hex 6E7636 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
#6E7636 }
```

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

```
.border{ border-color:#6E7636 }
```

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

Here you see how a box with a 4 pixel #6E7636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7636; -webkit-box-shadow:4px 4px  
4px 4px #6E7636; box-shadow:4px 4px 4px  
4px #6E7636 }
```

Background

The CSS property to change the background color of an element to Hex 6E7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7636 }
```

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

```
.background{ background-color:#6E7636 }
```

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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