

Converting Colors

Hex(4E6F39)

Have a look what the booklet for
Hex(4E6F39) contains.

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Color

Hex(4E6F39)

Conversions

Conversions Part 1

Format	Color
Hex	4E6F39
RGB	78, 111, 57
RGB Percent	31%, 44%, 22%
CMY	0.6941, 0.5647, 0.7765
CMYK	0.30, 0.00, 0.49, 0.56
HSL	97°, 32%, 33%
HSV	97°, 49%, 44%
XYZ	9.5648, 13.2840, 5.9308
YIQ	94.9770, -2.3340, -23.7900

Conversions

Conversions Part 2

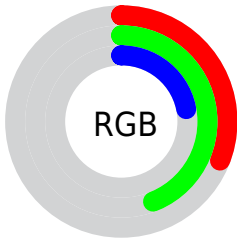
Format	Color
RYB	57, 111, 90
Decimal	5140281
CIELab	43.19, -22.55, 26.23
CIELCh	43, 34.596, 130.685
Yxy	13.2840, 0.3323, 0.4616
Android (android.graphics.Color)	4283330361 (0xFF4E6F39)
YUV	94.9770, -18.7227, -14.8888
Hunter-Lab	36.4472, -16.9388, 15.8651

Details

The Hex color **4E6F39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A396F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **81A369**, and **1E3F0C** is the 20% darker color. If you saturate the color by 10%, you get **476F2E**, and if you desaturate by 10%, it is **556F44**.

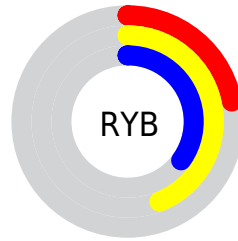
Distribution



Red (31%)

Green (44%)

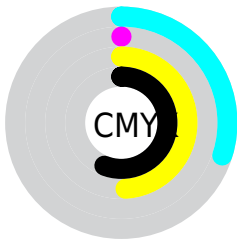
Blue (22%)



Red (22%)

Yellow (44%)

Blue (35%)

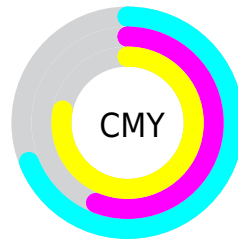


Cyan (30%)

Magenta (0%)

Yellow (49%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6F39 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 4E6F39 by changing the saturation by 10% instead.



4E6F39



4E6F39

FFFFFF



365622



81A369



1E3F0C



9BBE83



092900



B6DA9D



001300



D2F6B8



000000



EFFFD4



FFFFFF0



4E6F39



4E6F39



476F2E



556F44

■ 406F23

■ 5C6F4F

■ 3A6F18

■ 626F5A

■ 336F0D

■ 696F65

■ 2C6F02

■ 706F71

■ 2B6F00

■ 776F7C

■ 7D6F87

■ 846F92

■ 8B6F9D

Harmonies

Analogous

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



6D682C



4E6F39



237352

Triad

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



4E6F39



006E9C



9C4E5D

Complementary

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



4E6F39



5A396F

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.



91517A



4E6F39



49669E

Square

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



4E6F39



00738B



765A92



975442

Rectangle

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



4E6F39



007466



765A92



9A4E66

Sweetspot

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



4E6F39



84917C



6F5939



424A3D



C9C9C9



4A4A4A

Same Dimension

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



4E6F39



5E913D



396F3E



353832



2F7800



60F700

Inverse Universe

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



5A396F



713D91



6F396A



363238



490078



9700F7

Previews

White Background



This preview shows how the Hex color 4E6F39 looks on a white background.

Color Contrast Check

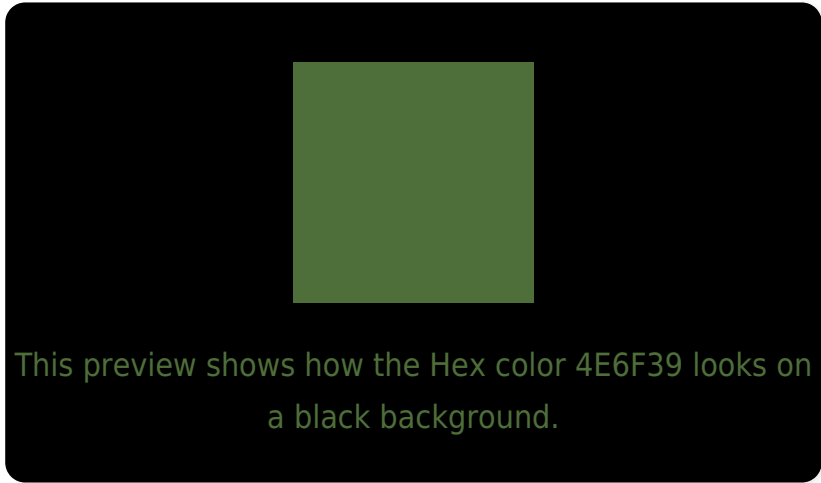
Large Text (above 18pt) WCAG AA ✓ Pass

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

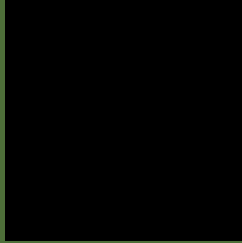
Any Text WCAG AA × Fail

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 4E6F39 Background



This preview shows how black text looks on a background with the Hex color 4E6F39.



This preview shows how white text looks on a background with the Hex color 4E6F39.

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
4E6F39

Protanopia
706636

Deuteranopia
7B613C



Tritanopia
576971

Trichromacy



Original Color
4E6F39

Protanomaly
646937

Deuteranomaly
6B663B

Tritanomaly
546B5D

Monochromacy



Original Color
4E6F39

Achromatopsia
5F5F5F

Achromatomaly
596551

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6F39 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 #4E6F39 looks like.

```
.text, #text, p{  
    color:#4E6F39  
}
```

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 #4E6F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6F39
}
```

Border

The CSS property to change the border of an element to Hex 4E6F39 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".

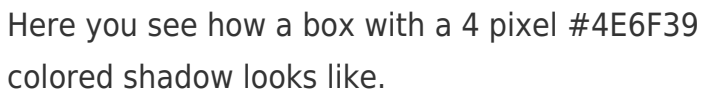
```
.border, #border, table{ border:4px solid
#4E6F39 }
```

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

```
.border{ border-color:#4E6F39 }
```

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

Here you see how a box with a 4 pixel #4E6F39 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6F39; -webkit-box-shadow:4px 4px  
4px 4px #4E6F39; box-shadow:4px 4px 4px  
4px #4E6F39 }
```

Background

The CSS property to change the background color of an element to Hex 4E6F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6F39 }
```

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

```
.background{ background-color:#4E6F39 }
```

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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