

Converting Colors

Hex(4E6533)

Have a look what the booklet for
Hex(4E6533) contains.

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Color

Hex(4E6533)

Conversions

Conversions Part 1

Format	Color
Hex	4E6533
RGB	78, 101, 51
RGB Percent	31%, 40%, 20%
CMY	0.6941, 0.6039, 0.8000
CMYK	0.23, 0.00, 0.50, 0.60
HSL	88°, 33%, 30%
HSV	88°, 50%, 40%
XYZ	8.3931, 11.1661, 4.8449
YIQ	88.4230, 2.3420, -20.4260

Conversions

Conversions Part 2

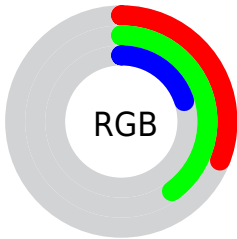
Format	Color
RYB	51, 101, 74
Decimal	5137715
CIELab	39.86, -18.12, 25.44
CIELCh	40, 31.229, 125.458
Yxy	11.1661, 0.3439, 0.4576
Android (android.graphics.Color)	4283327795 (0xFF4E6533)
YUV	88.4230, -18.4495, -9.1410
Hunter-Lab	33.4157, -13.6431, 14.7946

Details

The Hex color **4E6533** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3365**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **809863**, and **203605** is the 20% darker color. If you saturate the color by 10%, you get **496529**, and if you desaturate by 10%, it is **53653D**.

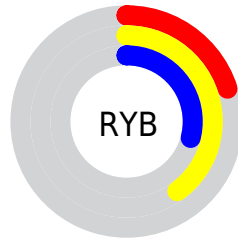
Distribution



Red (31%)

Green (40%)

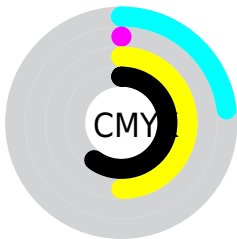
Blue (20%)



Red (20%)

Yellow (40%)

Blue (29%)

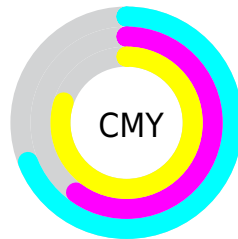


Cyan (23%)

Magenta (0%)

Yellow (50%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6533 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 4E6533 by changing the saturation by 10% instead.

 4E6533

 4E6533

FFFFFF

 364D1D

 809863

 203605

 9BB37C

 072100

 B6CE96

 000000

 D2EBB1

 EEFFCC

 FFFFEE9

 4E6533

 4E6533

 496529

 53653D

■ 45651F

■ 576547

■ 406515

■ 5C6551

■ 3B650B

■ 61655B

■ 376501

■ 656566

■ 376500

■ 6A6570

■ 6F657A

■ 736584

■ 78658E

Harmonies

Analogous

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



695E2A



4E6533



2C6948

Triad

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



4E6533



00668C



8D495A

Complementary

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



4E6533



4A3365

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.



814C74



4E6533



3C5F90

Square

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



4E6533



006A7B



665587



8C4C42

Rectangle

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



4E6533



006B59



665587



8B4963

Sweetspot

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



4E6533



79826F



654A33



3D4236



C2C2C2



424242

Same Dimension

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



4E6533



5F8235



366533



31332E



3E7300



83F200

Inverse Universe

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



4A3365



593582



623365



302E33



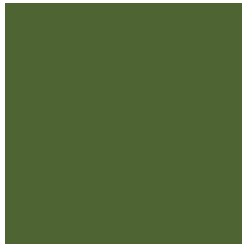
350073



6F00F2

Previews

White Background



This preview shows how the Hex color 4E6533 looks on a white background.

Color Contrast Check

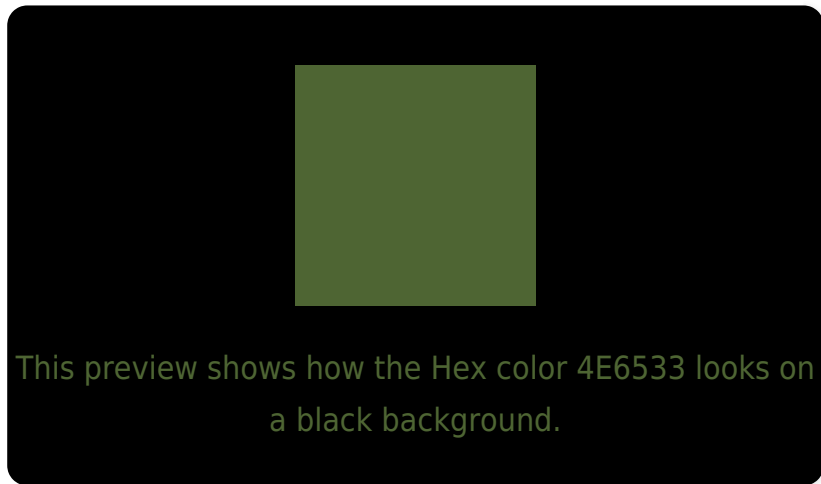
Large Text (above 18pt) WCAG AA ✓ Pass

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

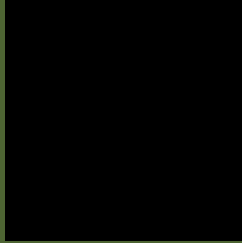
Any Text WCAG AA × Fail

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 4E6533 Background



This preview shows how black text looks on a background with the Hex color 4E6533.



This preview shows how white text looks on a background with the Hex color 4E6533.

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
4E6533

Protanopia
675E31

Deuteranopia
725936



Tritanopia
555F67

Trichromacy



Original Color
4E6533

Protanomaly
5E6132

Deuteranomaly
655D35

Tritanomaly
526154

Monochromacy



Original Color
4E6533

Achromatopsia
585858

Achromatomaly
545D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6533 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 #4E6533 looks like.

```
.text, #text, p{  
    color:#4E6533  
}
```

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 #4E6533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6533
}
```

Border

The CSS property to change the border of an element to Hex 4E6533 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
#4E6533 }
```

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

```
.border{ border-color:#4E6533 }
```

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

Here you see how a box with a 4 pixel #4E6533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6533; -webkit-box-shadow:4px 4px  
4px 4px #4E6533; box-shadow:4px 4px 4px  
4px #4E6533 }
```

Background

The CSS property to change the background color of an element to Hex 4E6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6533 }
```

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

```
.background{ background-color:#4E6533 }
```

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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