

Converting Colors

Hex(4E6634)

Have a look what the booklet for
Hex(4E6634) contains.

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Color

Hex(4E6634)

Conversions

Conversions Part 1

Format	Color
Hex	4E6634
RGB	78, 102, 52
RGB Percent	31%, 40%, 20%
CMY	0.6941, 0.6000, 0.7961
CMYK	0.24, 0.00, 0.49, 0.60
HSL	89°, 32%, 30%
HSV	89°, 49%, 40%
XYZ	8.5131, 11.3704, 4.9948
YIQ	89.1240, 1.7460, -20.6380

Conversions

Conversions Part 2

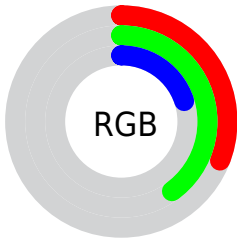
Format	Color
RYB	52, 102, 76
Decimal	5137972
CIELab	40.20, -18.52, 25.30
CIElCh	40, 31.352, 126.208
Yxy	11.3704, 0.3422, 0.4570
Android (android.graphics.Color)	4283328052 (0xFF4E6634)
YUV	89.1240, -18.3021, -9.7557
Hunter-Lab	33.7200, -13.9451, 14.8216

Details

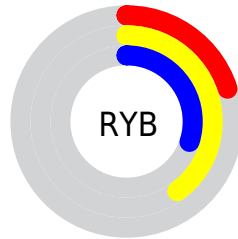
The Hex color **4E6634** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C3466**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **809964**, and **1F3706** is the 20% darker color. If you saturate the color by 10%, you get **49662A**, and if you desaturate by 10%, it is **53663E**.

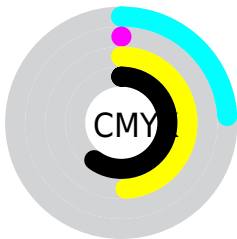
Distribution



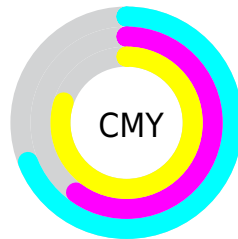
- Red (31%)
- Green (40%)
- Blue (20%)



- Red (20%)
- Yellow (40%)
- Blue (30%)



- Cyan (24%)
- Magenta (0%)
- Yellow (49%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6634 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 4E6634 by changing the saturation by 10% instead.



4E6634



4E6634

FFFFFF



364E1E



809964



1F3706



9BB47D



082100



B6D097



000100



D2ECB2



000000



EEFFCE



FFFFEA



4E6634



4E6634



49662A



53663E

■ 446620

■ 586648

■ 3F6615

■ 5D6653

■ 3A660B

■ 62665D

■ 366601

■ 666667

■ 356600

■ 6B6671

■ 70667B

■ 756686

■ 7A6690

Harmonies

Analogous

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



695F2A



4E6634



2B6A49

Triad

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



4E6634



00678D



8F495A

Complementary

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



4E6634



4C3466

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.



834D74



4E6634



3E6091

Square

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



4E6634



006B7C



685688



8D4D42

Rectangle

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



4E6634



006C5A



685688



8C4A63

Sweetspot

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



4E6634



7B8571



664B34



3D4236



C2C2C2



424242

Same Dimension

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



4E6634



5F8536



366634



31332E



3C7300



7EF200

Inverse Universe

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



4C3466



5C3685



643466



302E33



370073



7400F2

Previews

White Background



This preview shows how the Hex color 4E6634 looks on a white background.

Color Contrast Check

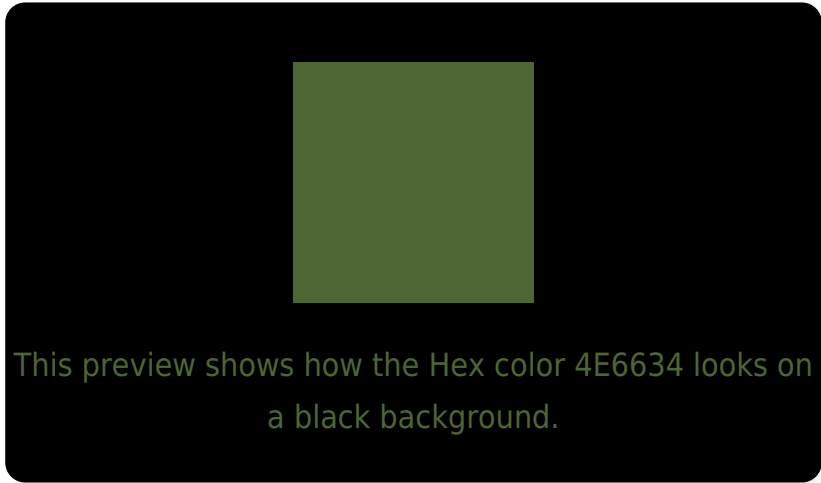
Large Text (above 18pt) WCAG AA ✓ Pass

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

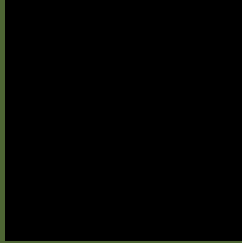
Any Text WCAG AA × Fail

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 4E6634 Background



This preview shows how black text looks on a background with the Hex color 4E6634.



This preview shows how white text looks on a background with the Hex color 4E6634.

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
4E6634

Protanopia
685F31

Deuteranopia
735A37



Tritanopia
556068

Trichromacy



Original Color
4E6634

Protanomaly
5F6232

Deuteranomaly
665E36

Tritanomaly
526255

Monochromacy



Original Color
4E6634

Achromatopsia
595959

Achromatomaly
555E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6634 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 #4E6634 looks like.

```
.text, #text, p{  
    color:#4E6634  
}
```

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 #4E6634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6634
}
```

Border

The CSS property to change the border of an element to Hex 4E6634 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
#4E6634 }
```

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

```
.border{ border-color:#4E6634 }
```

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

Here you see how a box with a 4 pixel #4E6634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6634; -webkit-box-shadow:4px 4px  
4px 4px #4E6634; box-shadow:4px 4px 4px  
4px #4E6634 }
```

Background

The CSS property to change the background color of an element to Hex 4E6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6634 }
```

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

```
.background{ background-color:#4E6634 }
```

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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