

Converting Colors

Hex(4E6A36)

Have a look what the booklet for
Hex(4E6A36) contains.

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Color

Hex(4E6A36)

Conversions

Conversions Part 1

Format	Color
Hex	4E6A36
RGB	78, 106, 54
RGB Percent	31%, 42%, 21%
CMY	0.6941, 0.5843, 0.7882
CMYK	0.26, 0.00, 0.49, 0.58
HSL	92°, 33%, 31%
HSV	92°, 49%, 42%
XYZ	8.9618, 12.1941, 5.3714
YIQ	91.7000, 0.0040, -22.1080

Conversions

Conversions Part 2

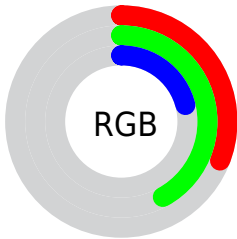
Format	Color
RYB	54, 106, 82
Decimal	5138998
CIELab	41.52, -20.37, 25.83
CIElCh	42, 32.893, 128.264
Yxy	12.1941, 0.3378, 0.4597
Android (android.graphics.Color)	4283329078 (0xFF4E6A36)
YUV	91.7000, -18.5861, -12.0149
Hunter-Lab	34.9201, -15.3005, 15.3241

Details

The Hex color **4E6A36** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52366A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **809D66**, and **1F3A09** is the 20% darker color. If you saturate the color by 10%, you get **486A2B**, and if you desaturate by 10%, it is **546A41**.

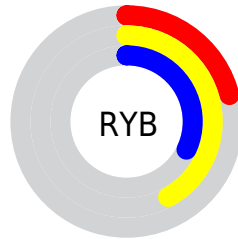
Distribution



Red (31%)

Green (42%)

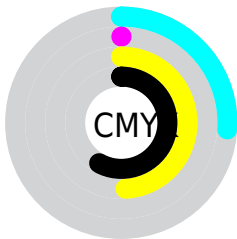
Blue (21%)



Red (21%)

Yellow (42%)

Blue (32%)

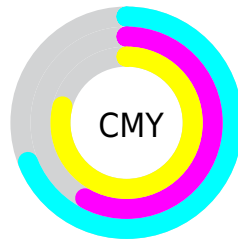


Cyan (26%)

Magenta (0%)

Yellow (49%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6A36 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 4E6A36 by changing the saturation by 10% instead.

 4E6A36

 4E6A36

FFFFFF

 36521F

 809D66

 1F3A09

 9BB87F

 092500

 B6D499

 000A00

 D2F1B4

 000000

 EEFFD0

 FFFFEC

 4E6A36

 4E6A36

 486A2B

 546A41

■ 436A21

■ 596A4B

■ 3D6A16

■ 5F6A56

■ 376A0C

■ 656A60

■ 316A01

■ 6B6A6B

■ 316A00

■ 706A76

■ 766A80

■ 7C6A8B

■ 816A95

Harmonies

Analogous

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



6B632B



4E6A36



286E4D

Triad

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



4E6A36



006A94



954B5B

Complementary

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



4E6A36



52366A

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.



894F77



4E6A36



426297

Square

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



4E6A36



006F83



6E588D



915042

Rectangle

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



4E6A36



00705F



6E588D



934B65

Sweetspot

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



4E6A36



7F8A75



6A5236



3E4538



C4C4C4



454545

Same Dimension

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



4E6A36



5E8A38



366A38



333630



367500



71F500

Inverse Universe

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



52366A



64388A



6A3668



333036



3F0075



8400F5

Previews

White Background



This preview shows how the Hex color 4E6A36 looks on a white background.

Color Contrast Check

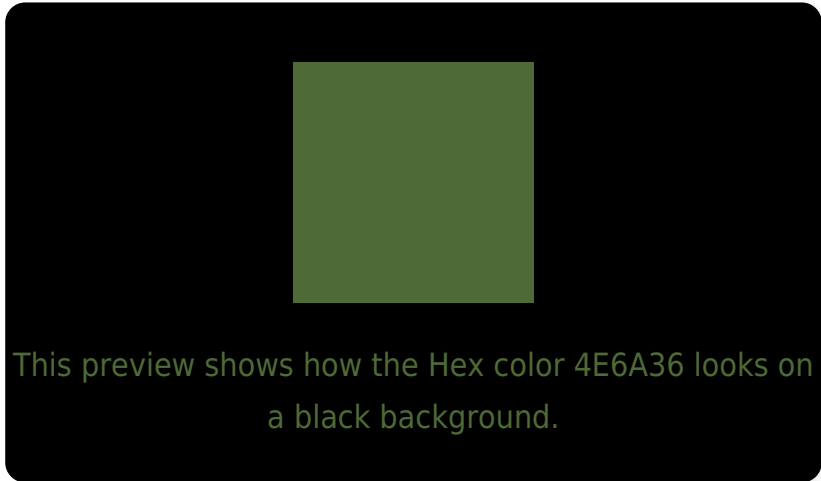
Large Text (above 18pt) WCAG AA ✓ Pass

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

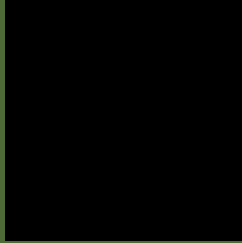
Any Text WCAG AA × Fail

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 4E6A36 Background



This preview shows how black text looks on a background with the Hex color 4E6A36.



This preview shows how white text looks on a background with the Hex color 4E6A36.

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](#).

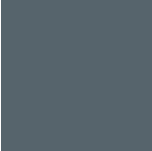
Dichromacy



Original Color
4E6A36

Protanopia
6C6233

Deuteranopia
775D39



Tritanopia
56646C

Trichromacy



Original Color
4E6A36

Protanomaly
616534

Deuteranomaly
686238

Tritanomaly
536658

Monochromacy



Original Color
4E6A36

Achromatopsia
5C5C5C

Achromatomaly
57614E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6A36 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 #4E6A36 looks like.

```
.text, #text, p{  
    color:#4E6A36  
}
```

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 #4E6A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6A36
}
```

Border

The CSS property to change the border of an element to Hex 4E6A36 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
#4E6A36 }
```

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

```
.border{ border-color:#4E6A36 }
```

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

Here you see how a box with a 4 pixel #4E6A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6A36; -webkit-box-shadow:4px 4px  
4px 4px #4E6A36; box-shadow:4px 4px 4px  
4px #4E6A36 }
```

Background

The CSS property to change the background color of an element to Hex 4E6A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6A36 }
```

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

```
.background{ background-color:#4E6A36 }
```

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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