

Converting Colors

Hex(4E6B35)

Have a look what the booklet for
Hex(4E6B35) contains.

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Color

Hex(4E6B35)

Conversions

Conversions Part 1

Format	Color
Hex	4E6B35
RGB	78, 107, 53
RGB Percent	31%, 42%, 21%
CMY	0.6941, 0.5804, 0.7922
CMYK	0.27, 0.00, 0.50, 0.58
HSL	92°, 34%, 31%
HSV	92°, 50%, 42%
XYZ	9.0422, 12.3921, 5.2835
YIQ	92.1730, 0.0500, -22.9420

Conversions

Conversions Part 2

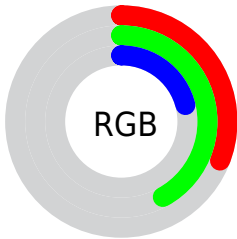
Format	Color
RYB	53, 107, 82
Decimal	5139253
CIELab	41.83, -21.03, 26.76
CIElCh	42, 34.035, 128.155
Yxy	12.3921, 0.3384, 0.4638
Android (android.graphics.Color)	4283329333 (0xFF4E6B35)
YUV	92.1730, -19.3123, -12.4297
Hunter-Lab	35.2025, -15.7544, 15.7429

Details

The Hex color **4E6B35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52356B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **819F65**, and **1F3B07** is the 20% darker color. If you saturate the color by 10%, you get **486B2A**, and if you desaturate by 10%, it is **546B40**.

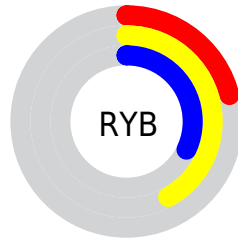
Distribution



Red (31%)

Green (42%)

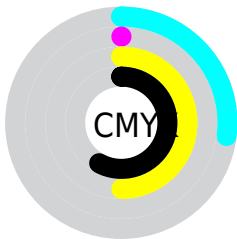
Blue (21%)



Red (21%)

Yellow (42%)

Blue (32%)

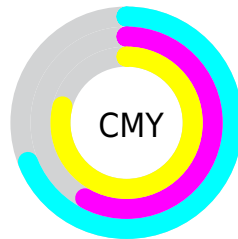


Cyan (27%)

Magenta (0%)

Yellow (50%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6B35 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 4E6B35 by changing the saturation by 10% instead.

 4E6B35

 4E6B35

FFFFFF

 36531E

 819F65

 1F3B07

 9BBA7E

 082500

 B6D598

 000C00

 D2F2B3

 000000

 EFFFCE

 FFFFEB

 4E6B35

 4E6B35

 486B2A

 546B40

 436B20

 596B4A

 3D6B15

 5F6B55

 376B0A

 656B60

 326B00

 6B6B6B

 706B75

 766B80

 7C6B8B

 826B95

Harmonies

Analogous

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



6C6429



4E6B35



256F4D

Triad

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



4E6B35



006B96



974B5C

Complementary

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



4E6B35



52356B

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.



8B4F78



4E6B35



41639A

Square

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



4E6B35



007084



6F588F



945042

Rectangle

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



4E6B35



007160



6F588F



954B66

Sweetspot

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



4E6B35



818C77



6B5235



40473B



C7C7C7



474747

Same Dimension

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



4E6B35



5E8C37



356B37



333630



367500



71F500

Inverse Universe

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



52356B



65378C



6B3569



333036



3F0075



8300F5

Previews

White Background



This preview shows how the Hex color 4E6B35 looks on a white background.

Color Contrast Check

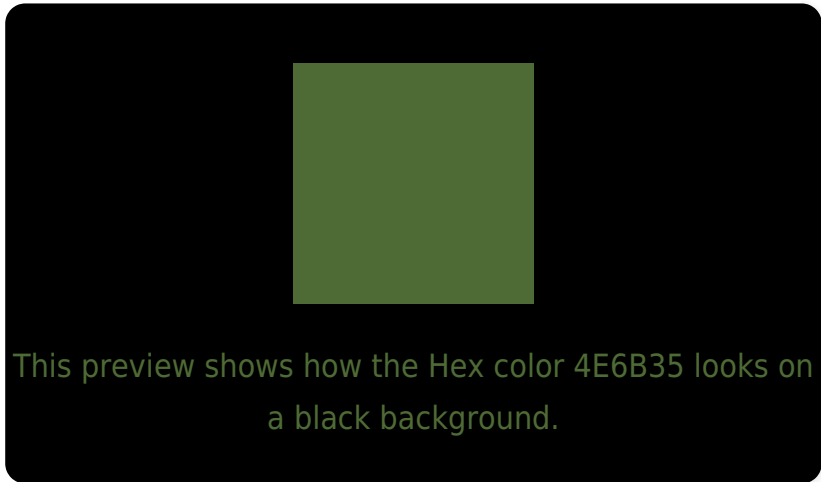
Large Text (above 18pt) WCAG AA ✓ Pass

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

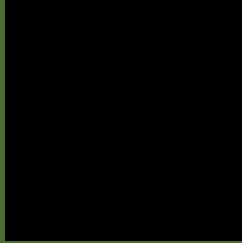
Any Text WCAG AA × Fail

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 4E6B35 Background



This preview shows how black text looks on a background with the Hex color 4E6B35.



This preview shows how white text looks on a background with the Hex color 4E6B35.

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](#).

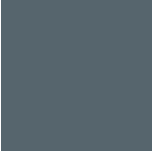
Dichromacy



Original Color
4E6B35

Protanopia
6D6332

Deuteranopia
785E38



Tritanopia
56656D

Trichromacy



Original Color
4E6B35

Protanomaly
626633

Deuteranomaly
696337

Tritanomaly
536759

Monochromacy



Original Color
4E6B35

Achromatopsia
5C5C5C

Achromatomaly
57614E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6B35 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 #4E6B35 looks like.

```
.text, #text, p{  
    color:#4E6B35  
}
```

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 #4E6B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6B35
}
```

Border

The CSS property to change the border of an element to Hex 4E6B35 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
#4E6B35 }
```

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

```
.border{ border-color:#4E6B35 }
```

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

Here you see how a box with a 4 pixel #4E6B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6B35; -webkit-box-shadow:4px 4px  
4px 4px #4E6B35; box-shadow:4px 4px 4px  
4px #4E6B35 }
```

Background

The CSS property to change the background color of an element to Hex 4E6B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6B35 }
```

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

```
.background{ background-color:#4E6B35 }
```

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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