

Converting Colors

Hex(4E7D2A)

Have a look what the booklet for
Hex(4E7D2A) contains.

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Color

Hex(4E7D2A)

Conversions

Conversions Part 1

Format	Color
Hex	4E7D2A
RGB	78, 125, 42
RGB Percent	31%, 49%, 16%
CMY	0.6941, 0.5098, 0.8353
CMYK	0.38, 0.00, 0.66, 0.51
HSL	94°, 50%, 33%
HSV	94°, 66%, 49%
XYZ	10.8934, 16.4541, 4.7923
YIQ	101.4850, -1.3690, -35.7770

Conversions

Conversions Part 2

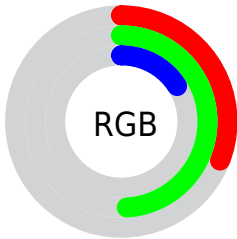
Format	Color
R_{YB}	42, 125, 89
Decimal	5143850
CIE Lab	47.56, -31.11, 38.98
CIE LCh	48, 49.875, 128.596
Yxy	16.4541, 0.3389, 0.5120
Android (android.graphics.Color)	4283333930 (0xFF4E7D2A)
YUV	101.4850, -29.3261, -20.5963
Hunter-Lab	40.5637, -23.0500, 21.3899

Details

The Hex color **4E7D2A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **592A7D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **82B25C**, and **1A4B00** is the 20% darker color. If you saturate the color by 10%, you get **477D1E**, and if you desaturate by 10%, it is **557D37**.

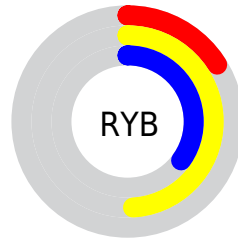
Distribution



Red (31%)

Green (49%)

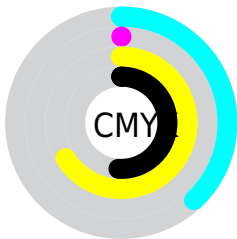
Blue (16%)



Red (16%)

Yellow (49%)

Blue (35%)

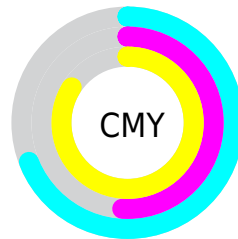


Cyan (38%)

Magenta (0%)

Yellow (66%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7D2A 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 4E7D2A by changing the saturation by 10% instead.



4E7D2A



4E7D2A

FFFFFF



346410



82B25C



1A4B00



9DCE75



003400



B9EA8F



002100



D6FFAA



000000



F2FFC6



FFFFE2



4E7D2A



4E7D2A



477D1E



557D37

■ 407D11

■ 5C7D43

■ 397D05

■ 637D50

■ 367D00

■ 6A7D5C

■ 717D69

■ 787D75

■ 807D82

■ 877D8E

■ 8E7D9B

Harmonies

Analogous

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



7B7312



4E7D2A



008350

Triad

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



4E7D2A



007DBF



BD4866

Complementary

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



4E7D2A



592A7D

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.



AD4F90



4E7D2A



2B72C4

Square

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



4E7D2A



0083A4



8260B3



B6533F

Rectangle

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



4E7D2A



00856D



8260B3



BA4975

Sweetspot

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



4E7D2A



91A383



7D582A



47523E



D1D1D1



525252

Same Dimension

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



4E7D2A



59A321



2A7D2E



3C4039



378000



000000

Inverse Universe

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



592A7D



6B21A3



7D2A79



3D3940



480080



000000

Previews

White Background



This preview shows how the Hex color 4E7D2A looks on a white background.

Color Contrast Check

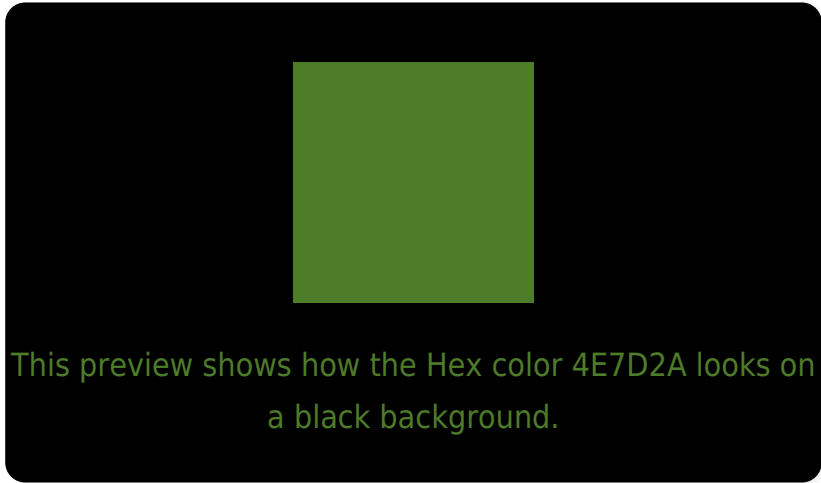
Large Text (above 18pt) WCAG AA ✓ Pass

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

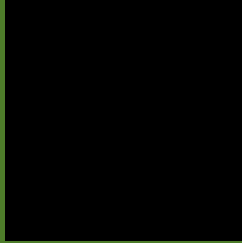
Any Text WCAG AA × Fail

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 4E7D2A Background



This preview shows how black text looks on a background with the Hex color 4E7D2A.



This preview shows how white text looks on a background with the Hex color 4E7D2A.

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
4E7D2A

Protanopia
7E7127

Deuteranopia
8B6B30



Tritanopia
5B757E

Trichromacy



Original Color
4E7D2A

Protanomaly
6D7528

Deuteranomaly
75722E

Tritanomaly
56785F

Monochromacy



Original Color
4E7D2A

Achromatopsia
656565

Achromatomaly
5D6E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7D2A 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 #4E7D2A looks like.

```
.text, #text, p{  
    color:#4E7D2A  
}
```

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 #4E7D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7D2A
}
```

Border

The CSS property to change the border of an element to Hex 4E7D2A 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
#4E7D2A }
```

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

```
.border{ border-color:#4E7D2A }
```

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

Here you see how a box with a 4 pixel #4E7D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7D2A; -webkit-box-shadow:4px 4px  
4px 4px #4E7D2A; box-shadow:4px 4px 4px  
4px #4E7D2A }
```

Background

The CSS property to change the background color of an element to Hex 4E7D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7D2A }
```

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

```
.background{ background-color:#4E7D2A }
```

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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