

Converting Colors

Hex(4C7E40)

Have a look what the booklet for
Hex(4C7E40) contains.

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Color

Hex(4C7E40)

Conversions

Conversions Part 1

Format	Color
Hex	4C7E40
RGB	76, 126, 64
RGB Percent	30%, 49%, 25%
CMY	0.7020, 0.5059, 0.7490
CMYK	0.40, 0.00, 0.49, 0.51
HSL	108°, 33%, 37%
HSV	108°, 49%, 49%
XYZ	11.3668, 16.8284, 7.4996
YIQ	103.9820, -9.8980, -29.8820

Conversions

Conversions Part 2

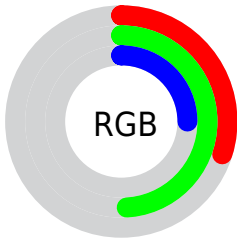
Format	Color
RYB	64, 126, 114
Decimal	5013056
CIELab	48.04, -29.71, 28.44
CIElCh	48, 41.123, 136.252
Yxy	16.8284, 0.3184, 0.4715
Android (android.graphics.Color)	4283203136 (0xFF4C7E40)
YUV	103.9820, -19.7111, -24.5402
Hunter-Lab	41.0224, -22.3292, 17.8765

Details

The Hex color **4C7E40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **72407E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **80B371**, and **194C12** is the 20% darker color. If you saturate the color by 10%, you get **427E33**, and if you desaturate by 10%, it is **567E4D**.

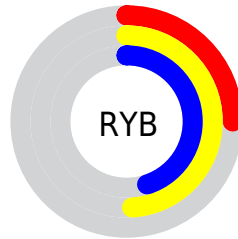
Distribution



Red (30%)

Green (49%)

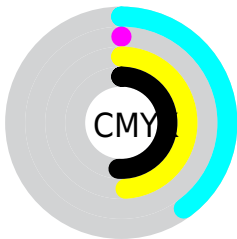
Blue (25%)



Red (25%)

Yellow (49%)

Blue (45%)

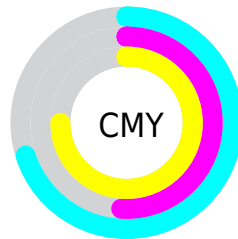


Cyan (40%)

Magenta (0%)

Yellow (49%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7E40 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 4C7E40 by changing the saturation by 10% instead.

 4C7E40

 4C7E40

FFFFFF

 336529

 80B371

 194C12

 9ACF8B

 003500

 B6EBA5

 002100

 D2FFC1

 000000

 EFFFDD

 FFFFFA

 4C7E40

 4C7E40

 427E33

 567E4D

■ 387E27

■ 607E59

■ 2E7E1A

■ 6A7E66

■ 237E0E

■ 757E72

■ 197E01

■ 7F7E7F

■ 187E00

■ 897E8C

■ 937E98

■ 9D7EA5

■ A77EB1

Harmonies

Analogous

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



74762C



4C7E40



008260

Triad

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



4C7E40



007AB5



B35460

Complementary

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



4C7E40



72407E

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.



AA5683



4C7E40



586FB5

Square

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



4C7E40



0081A3



8C61A2



AA5D41

Rectangle

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



4C7E40



008378



8C61A2



B2546C

Sweetspot

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



4C7E40



8FA38B



7E7240



465243



D1D1D1



525252

Same Dimension

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



4C7E40



56A343



407E53



3B4039



198000



000000

Inverse Universe

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



72407E



9143A3



7E406B



3F3940



670080



000000

Previews

White Background



This preview shows how the Hex color 4C7E40 looks on a white background.

Color Contrast Check

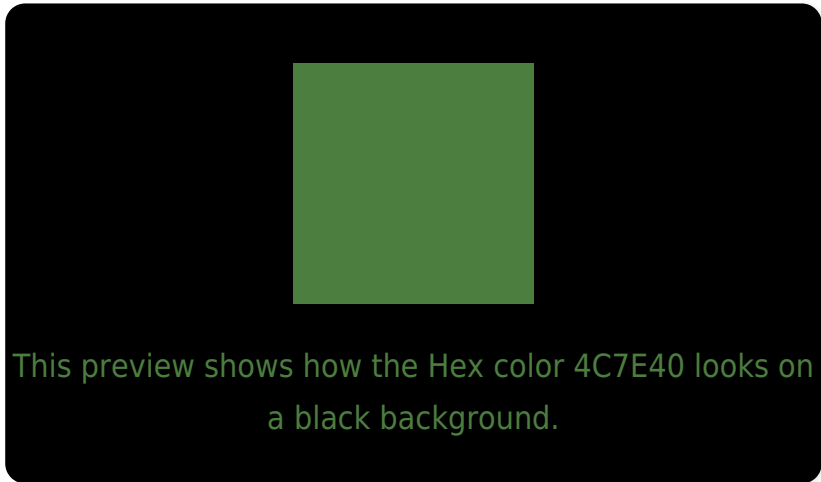
Large Text (above 18pt) WCAG AA ✓ Pass

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

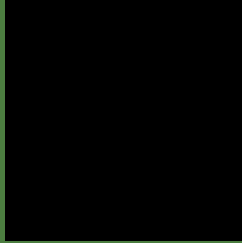
Any Text WCAG AA × Fail

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 4C7E40 Background



This preview shows how black text looks on a background with the Hex color 4C7E40.

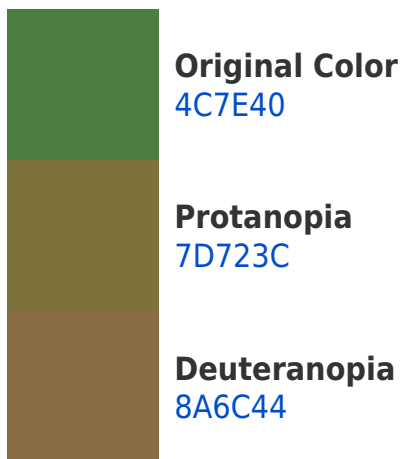


This preview shows how white text looks on a background with the Hex color 4C7E40.

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





Tritanopia
587780

Trichromacy



Original Color
4C7E40

Protanomaly
6B763D

Deuteranomaly
737343

Tritanomaly
547A69

Monochromacy



Original Color
4C7E40

Achromatopsia
686868

Achromatomaly
5E7059

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7E40 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 #4C7E40 looks like.

```
.text, #text, p{  
    color:#4C7E40  
}
```

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 #4C7E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7E40
}
```

Border

The CSS property to change the border of an element to Hex 4C7E40 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
#4C7E40 }
```

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

```
.border{ border-color:#4C7E40 }
```

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

Here you see how a box with a 4 pixel #4C7E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7E40; -webkit-box-shadow:4px 4px  
4px 4px #4C7E40; box-shadow:4px 4px 4px  
4px #4C7E40 }
```

Background

The CSS property to change the background color of an element to Hex 4C7E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7E40 }
```

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

```
.background{ background-color:#4C7E40 }
```

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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