

Converting Colors

Hex(4D7D2E)

Have a look what the booklet for
Hex(4D7D2E) contains.

Hex(4D7D2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D7D2E)

Conversions

Conversions Part 1

Format	Color
Hex	4D7D2E
RGB	77, 125, 46
RGB Percent	30%, 49%, 18%
CMY	0.6980, 0.5098, 0.8196
CMYK	0.38, 0.00, 0.63, 0.51
HSL	96°, 46%, 34%
HSV	96°, 63%, 49%
XYZ	10.8873, 16.4423, 5.1846
YIQ	101.6420, -3.2490, -34.7450

Conversions

Conversions Part 2

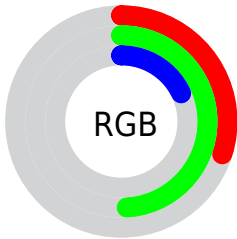
Format	Color
R_{YB}	46, 125, 94
Decimal	5078318
CIE _{Lab}	47.55, -31.09, 37.08
CIE _{LCh}	48, 48.389, 129.983
Yxy	16.4423, 0.3348, 0.5057
Android (android.graphics.Color)	4283268398 (0xFF4D7D2E)
YUV	101.6420, -27.4315, -21.6110
Hunter-Lab	40.5491, -23.0341, 20.8035

Details

The Hex color **4D7D2E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5E2E7D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **81B25F**, and **194B00** is the 20% darker color. If you saturate the color by 10%, you get **457D22**, and if you desaturate by 10%, it is **557D3B**.

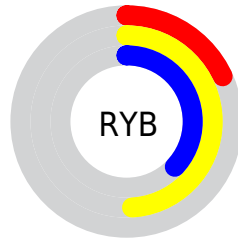
Distribution



Red (30%)

Green (49%)

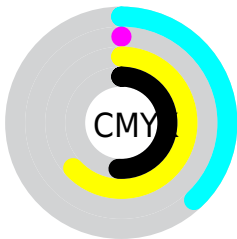
Blue (18%)



Red (18%)

Yellow (49%)

Blue (37%)

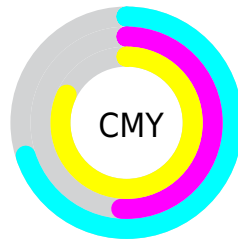


Cyan (38%)

Magenta (0%)

Yellow (63%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7D2E 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 4D7D2E by changing the saturation by 10% instead.

 4D7D2E

 4D7D2E

FFFFFF

 336415

 81B25F

 194B00

 9CCE79

 003400

 B8EA93

 002100

 D4FFAE

 000000

 F1FFCA

 FFFFE6

 4D7D2E

 4D7D2E

 457D22

 557D3B

 3E7D15

 5C7D47

 367D08

 647D53

 317D00


 6B7D60

 737D6D

 7B7D79

 827D86

 8A7D92

 917D9F

Harmonies

Analogous

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



797317



4D7D2E



008353

Triad

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



4D7D2E



007DBD



BB4A65

Complementary

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



4D7D2E



5E2E7D

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.



AC508E



4D7D2E



3771C1

Square

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



4D7D2E



0083A4



8460B0



B4543E

Rectangle

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



4D7D2E



00846F



8460B0



B94A73

Sweetspot

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



4D7D2E



90A384



7D5D2E



46523F



D1D1D1



525252

Same Dimension

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



4D7D2E



58A327



2E7D36



3C4039



328000



000000

Inverse Universe

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



5E2E7D



7327A3



7D2E75



3D3940



4D0080



000000

Previews

White Background



This preview shows how the Hex color 4D7D2E looks on a white background.

Color Contrast Check

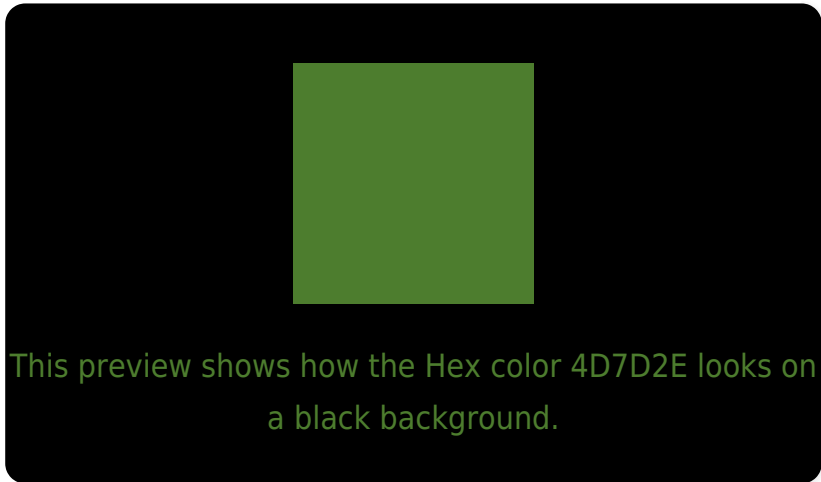
Large Text (above 18pt) WCAG AA ✓ Pass

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

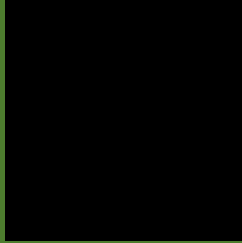
Any Text WCAG AA × Fail

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 4D7D2E Background



This preview shows how black text looks on a background with the Hex color 4D7D2E.



This preview shows how white text looks on a background with the Hex color 4D7D2E.

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
4D7D2E

Protanopia
7D712A

Deuteranopia
8B6B34



Tritanopia
5A757E

Trichromacy



Original Color
4D7D2E

Protanomaly
6C752B

Deuteranomaly
747232

Tritanomaly
557861

Monochromacy



Original Color
4D7D2E

Achromatopsia
666666

Achromatomaly
5D6E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7D2E 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 #4D7D2E looks like.

```
.text, #text, p{  
    color:#4D7D2E  
}
```

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 #4D7D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7D2E
}
```

Border

The CSS property to change the border of an element to Hex 4D7D2E 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
#4D7D2E }
```

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

```
.border{ border-color:#4D7D2E }
```

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

Here you see how a box with a 4 pixel #4D7D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7D2E; -webkit-box-shadow:4px 4px  
4px 4px #4D7D2E; box-shadow:4px 4px 4px  
4px #4D7D2E }
```

Background

The CSS property to change the background color of an element to Hex 4D7D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7D2E }
```

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

```
.background{ background-color:#4D7D2E }
```

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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