

Converting Colors

Hex(4E7F2D)

Have a look what the booklet for
Hex(4E7F2D) contains.

Hex(4E7F2D)	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(4E7F2D)

Conversions

Conversions Part 1

Format	Color
Hex	4E7F2D
RGB	78, 127, 45
RGB Percent	31%, 50%, 18%
CMY	0.6941, 0.5020, 0.8235
CMYK	0.39, 0.00, 0.65, 0.50
HSL	96°, 48%, 34%
HSV	96°, 65%, 50%
XYZ	11.2049, 16.9879, 5.1711
YIQ	103.0010, -2.8820, -35.8900

Conversions

Conversions Part 2

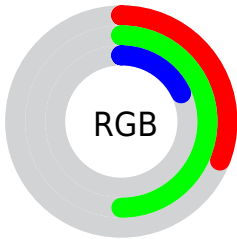
Format	Color
RYB	45, 127, 94
Decimal	5144365
CIELab	48.24, -31.75, 38.34
CIELCh	48, 49.780, 129.630
Yxy	16.9879, 0.3358, 0.5092
Android (android.graphics.Color)	4283334445 (0xFF4E7F2D)
YUV	103.0010, -28.5945, -21.9259
Hunter-Lab	41.2164, -23.6024, 21.4129

Details

The Hex color **4E7F2D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5E2D7F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **82B45E**, and **1A4D00** is the 20% darker color. If you saturate the color by 10%, you get **467F20**, and if you desaturate by 10%, it is **567F3A**.

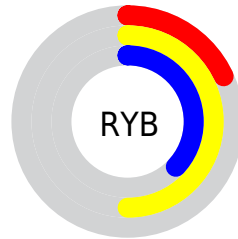
Distribution



Red (31%)

Green (50%)

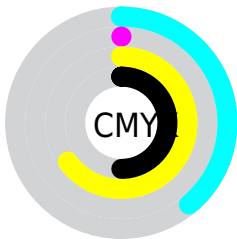
Blue (18%)



Red (18%)

Yellow (50%)

Blue (37%)

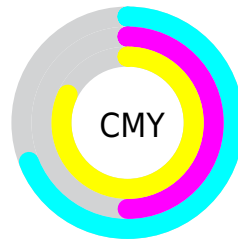


Cyan (39%)

Magenta (0%)

Yellow (65%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7F2D 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 4E7F2D by changing the saturation by 10% instead.



4E7F2D



4E7F2D

FFFFFF



346614



82B45E



1A4D00



9ED078



003600



B9EC92



002200



D6FFAE



000000



F3FFC9



FFFFE6



4E7F2D



4E7F2D



467F20



567F3A

 3F7F14

 5D7F46

 377F07

 657F53

 337F00

 6C7F60

 747F6D

 7C7F79

 837F86

 8B7F93

 927F9F

Harmonies

Analogous

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



7C7515



4E7F2D



008554

Triad

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



4E7F2D



007FC1



BF4B67

Complementary

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



4E7F2D



5E2D7F

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.



AF5091



4E7F2D



3373C6

Square

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



4E7F2D



0085A7



8661B4



B8553F

Rectangle

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



4E7F2D



008671



8661B4



BC4B75

Sweetspot

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



4E7F2D



93A686



7F5D2D



495441



D4D4D4



545454

Same Dimension

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



4E7F2D



59A626



2D7F34



3C4039



338000



000000

Inverse Universe

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



5E2D7F



7226A6



7F2D78



3D3940



4C0080



000000

Previews

White Background



This preview shows how the Hex color 4E7F2D looks on a white background.

Color Contrast Check

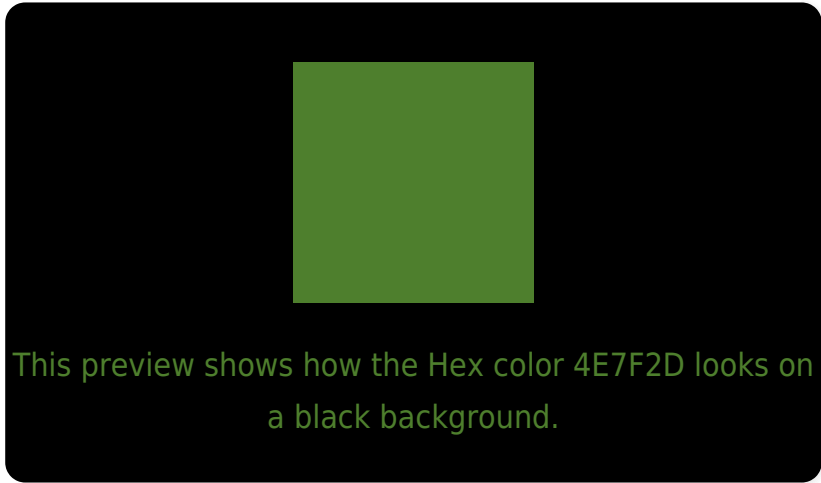
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E7F2D Background



This preview shows how black text looks on a background with the Hex color 4E7F2D.



This preview shows how white text looks on a background with the Hex color 4E7F2D.

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
4E7F2D

Protanopia
7F7229

Deuteranopia
8D6D33



Tritanopia
5B7780

Trichromacy



Original Color
4E7F2D

Protanomaly
6D772A

Deuteranomaly
767431

Tritanomaly
567A62

Monochromacy



Original Color
4E7F2D

Achromatopsia
676767

Achromatomaly
5E7052

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7F2D 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 #4E7F2D looks like.

```
.text, #text, p{  
    color:#4E7F2D  
}
```

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 #4E7F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7F2D
}
```

Border

The CSS property to change the border of an element to Hex 4E7F2D 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
#4E7F2D }
```

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

```
.border{ border-color:#4E7F2D }
```

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

Here you see how a box with a 4 pixel #4E7F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7F2D; -webkit-box-shadow:4px 4px  
4px 4px #4E7F2D; box-shadow:4px 4px 4px  
4px #4E7F2D }
```

Background

The CSS property to change the background color of an element to Hex 4E7F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7F2D }
```

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

```
.background{ background-color:#4E7F2D }
```

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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