

Converting Colors

Hex(2E7E0B)

Have a look what the booklet for
Hex(2E7E0B) contains.

Hex(2E7E0B)	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(2E7E0B)

Conversions

Conversions Part 1

Format	Color
Hex	2E7E0B
RGB	46, 126, 11
RGB Percent	18%, 49%, 4%
CMY	0.8196, 0.5059, 0.9569
CMYK	0.63, 0.00, 0.91, 0.51
HSL	102°, 84%, 27%
HSV	102°, 91%, 49%
XYZ	8.6480, 15.5267, 2.8578
YIQ	88.9700, -10.7650, -52.7250

Conversions

Conversions Part 2

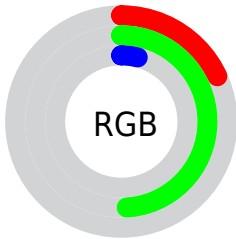
Format	Color
RYB	11, 126, 91
Decimal	3046923
CIELab	46.35, -43.85, 48.06
CIElCh	46, 65.059, 132.380
Yxy	15.5267, 0.3199, 0.5744
Android (android.graphics.Color)	4281237003 (0xFF2E7E0B)
YUV	88.9700, -38.4392, -37.6847
Hunter-Lab	39.4040, -29.7816, 23.2828

Details

The Hex color **2E7E0B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B0B7E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **67B445**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **267E00**, and if you desaturate by 10%, it is **377E18**.

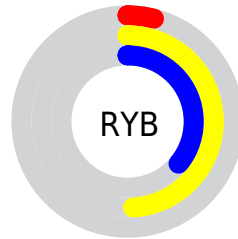
Distribution



Red (18%)

Green (49%)

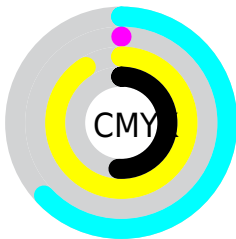
Blue (4%)



Red (4%)

Yellow (49%)

Blue (36%)

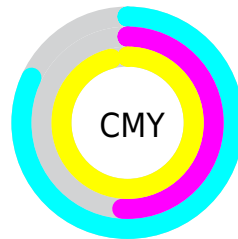


Cyan (63%)

Magenta (0%)

Yellow (91%)

Black (51%)



Cyan (82%)

Magenta (51%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7E0B 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 2E7E0B by changing the saturation by 10% instead.

 2E7E0B

 2E7E0B

FFFFFF

 056400

 67B445

 004C00

 83CF5F

 003400

 9FEC79

 001E00

 BBFF94

 000000

 D8FFAF

 F6FFCB

 FFFFE8

 2E7E0B

 2E7E0B

■ 267E00

■ 377E18

■ 407E24

■ 487E31

■ 517E3D

■ 5A7E4A

■ 637E57

■ 6B7E63

■ 747E70

■ 7D7E7C

Harmonies

Analogous

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



707300



2E7E0B



00844B

Triad

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



2E7E0B



007DD6



CD2C5A

Complementary

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



2E7E0B



5B0B7E

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.



BE3690



2E7E0B



006DDA

Square

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



2E7E0B



0084B7



8B53BF



C04425

Rectangle

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



2E7E0B



008671



8B53BF



CB2B6C

Sweetspot

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



2E7E0B



85A377



7E5A0B



3F5237



D1D1D1



525252

Same Dimension

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



2E7E0B



32A300



0B7E20



3B4039



278000



000000

Inverse Universe

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



5B0B7E



7200A3



7E0B69



3E3940



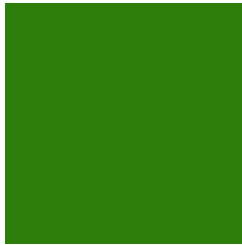
590080



000000

Previews

White Background



This preview shows how the Hex color 2E7E0B looks on a white background.

Color Contrast Check

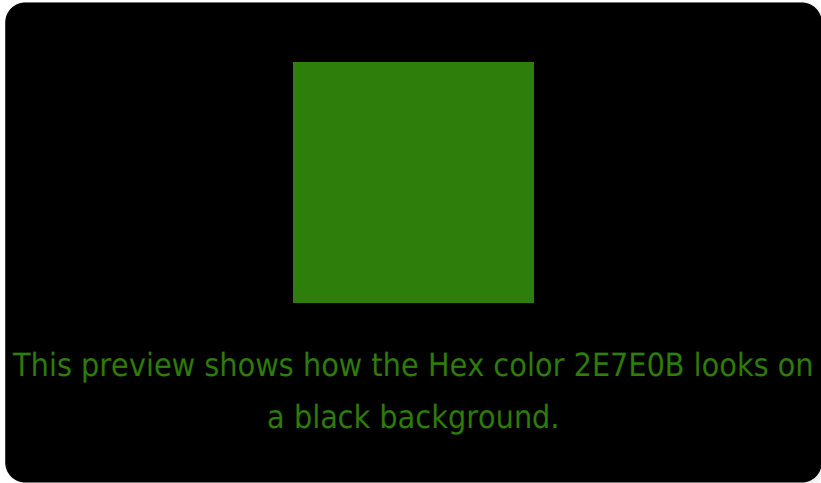
Large Text (above 18pt) WCAG AA ✓ Pass

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

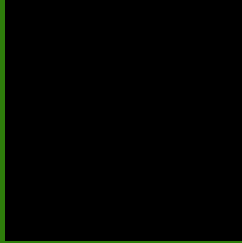
Any Text WCAG AA × Fail

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 2E7E0B Background



This preview shows how black text looks on a background with the Hex color 2E7E0B.



This preview shows how white text looks on a background with the Hex color 2E7E0B.

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
2E7E0B

Protanopia
7B6E00

Deuteranopia
89681C



Tritanopia
44757F

Trichromacy



Original Color
2E7E0B



Protanomaly
5F7404



Deuteranomaly
687016



Tritanomaly
3C7855

Monochromacy



Original Color
2E7E0B



Achromatopsia
595959



Achromatomaly
49663D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7E0B 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 #2E7E0B looks like.

```
.text, #text, p{  
    color:#2E7E0B  
}
```

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 #2E7E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7E0B
}
```

Border

The CSS property to change the border of an element to Hex 2E7E0B 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".

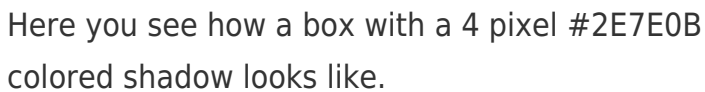
```
.border, #border, table{ border:4px solid
#2E7E0B }
```

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

```
.border{ border-color:#2E7E0B }
```

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

Here you see how a box with a 4 pixel #2E7E0B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7E0B; -webkit-box-shadow:4px 4px  
4px 4px #2E7E0B; box-shadow:4px 4px 4px  
4px #2E7E0B }
```

Background

The CSS property to change the background color of an element to Hex 2E7E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7E0B }
```

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

```
.background{ background-color:#2E7E0B }
```

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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