

Converting Colors

Hex(2E7618)

Have a look what the booklet for
Hex(2E7618) contains.

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Color

Hex(2E7618)

Conversions

Conversions Part 1

Format	Color
Hex	2E7618
RGB	46, 118, 24
RGB Percent	18%, 46%, 9%
CMY	0.8196, 0.5373, 0.9059
CMYK	0.61, 0.00, 0.80, 0.54
HSL	106°, 66%, 28%
HSV	106°, 80%, 46%
XYZ	7.7700, 13.6037, 3.0804
YIQ	85.7560, -12.7380, -44.4980

Conversions

Conversions Part 2

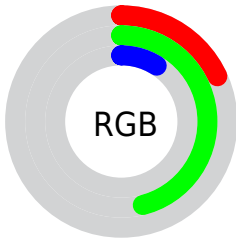
Format	Color
RYB	24, 118, 96
Decimal	3044888
CIELab	43.66, -40.15, 41.92
CIELCh	44, 58.044, 133.764
Yxy	13.6037, 0.3177, 0.5563
Android (android.graphics.Color)	4281234968 (0xFF2E7618)
YUV	85.7560, -30.4457, -34.8660
Hunter-Lab	36.8831, -26.9416, 20.8664

Details

The Hex color **2E7618** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **601876**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **65AB4B**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **25760C**, and if you desaturate by 10%, it is **377624**.

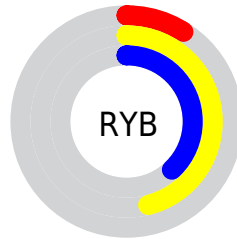
Distribution



Red (18%)

Green (46%)

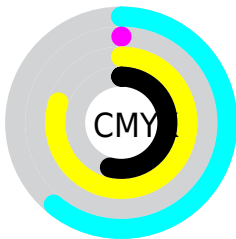
Blue (9%)



Red (9%)

Yellow (46%)

Blue (38%)

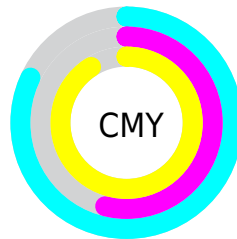


Cyan (61%)

Magenta (0%)

Yellow (80%)

Black (54%)



Cyan (82%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7618 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 2E7618 by changing the saturation by 10% instead.



2E7618



2E7618

FFFFFF



0B5D00



65AB4B



004400



80C765



002E00



9CE37F



001500



B8FF99



000000



D5FFB5



F2FFD1



FFFFED



2E7618



2E7618

■ 25760C

■ 377624

■ 1C7600

■ 407630

■ 49763B

■ 527647

■ 5B7653

■ 64765F

■ 6D766B

■ 767676

■ 7F7682

Harmonies

Analogous

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



686C00



2E7618



007B4A

Triad

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



2E7618



0074C4



BC3253

Complementary

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



2E7618



601876

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.



AF3883



2E7618



1465C6

Square

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



2E7618



007BA9



844FAD



B04526

Rectangle

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



2E7618



007D6C



844FAD



BB3163

Sweetspot

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



2E7618



7D9974



765E18



3C4D36



CCCCCC



4D4D4D

Same Dimension

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



2E7618



289906



187630



363B35



1D7A00



3AFA00

Inverse Universe

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



601876



770699



76185E



39353B



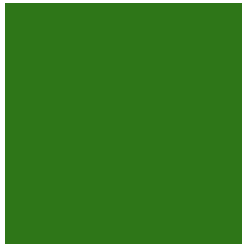
5E007A



BF00FA

Previews

White Background



This preview shows how the Hex color 2E7618 looks on a white background.

Color Contrast Check

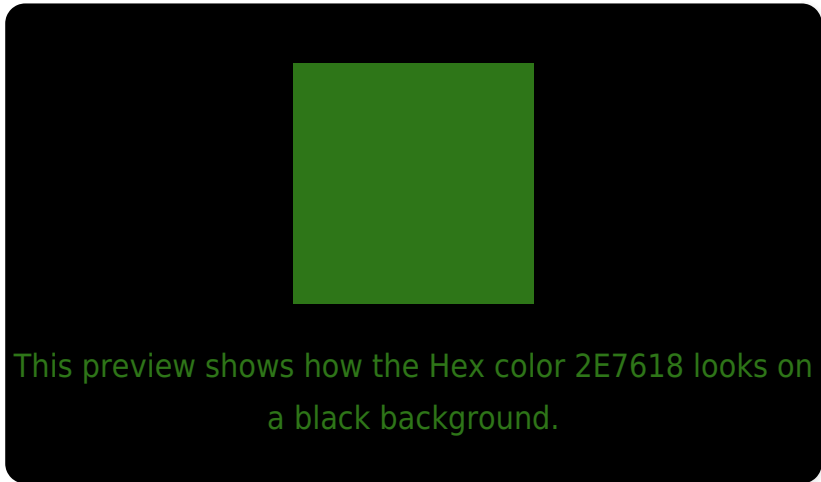
Large Text (above 18pt) WCAG AA ✓ Pass

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

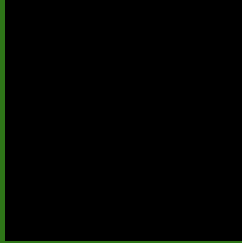
Any Text WCAG AA × Fail

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 2E7618 Background



This preview shows how black text looks on a background with the Hex color 2E7618.



This preview shows how white text looks on a background with the Hex color 2E7618.

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
2E7618

Protanopia
746714

Deuteranopia
806222



Tritanopia
416E77

Trichromacy



Original Color
2E7618



Protanomaly
5B6C15



Deuteranomaly
62691E



Tritanomaly
3A7154

Monochromacy



Original Color
2E7618



Achromatopsia
565656



Achromatomaly
47623F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7618 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 #2E7618 looks like.

```
.text, #text, p{  
    color:#2E7618  
}
```

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 #2E7618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7618  
}
```

Border

The CSS property to change the border of an element to Hex 2E7618 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".

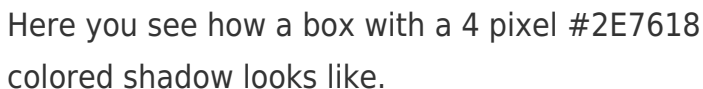
```
.border, #border, table{ border:4px solid  
#2E7618 }
```

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

```
.border{ border-color:#2E7618 }
```

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

Here you see how a box with a 4 pixel #2E7618 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 #2E7618; -webkit-box-shadow:4px 4px  
4px 4px #2E7618; box-shadow:4px 4px 4px  
4px #2E7618 }
```

Background

The CSS property to change the background color of an element to Hex 2E7618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7618 }
```

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

```
.background{ background-color:#2E7618 }
```

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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