

# Converting Colors

Hex(2E461C)

Have a look what the booklet for  
Hex(2E461C) contains.

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# Color

Hex(2E461C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E461C
RGB	46, 70, 28
RGB Percent	18%, 27%, 11%
CMY	0.8196, 0.7255, 0.8902
CMYK	0.34, 0.00, 0.60, 0.73
HSL	94°, 43%, 19%
HSV	94°, 60%, 27%
XYZ	3.5265, 5.0450, 1.8865
YIQ	58.0360, -0.8220, -18.1500

# Conversions

## Conversions Part 2

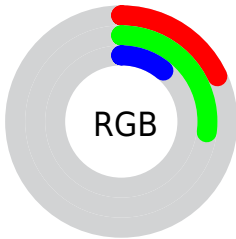
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 70, 52
Decimal	3032604
CIE <sub>Lab</sub>	26.86, -17.99, 22.15
CIE <sub>LCh</sub>	27, 28.533, 129.082
Yxy	5.0450, 0.3372, 0.4824
Android (android.graphics.Color)	4281222684 (0xFF2E461C)
YUV	58.0360, -14.8077, -10.5556
Hunter-Lab	22.4611, -11.2817, 10.7429

# Details

The Hex color **2E461C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **341C46**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5E7749**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **2A4615**, and if you desaturate by 10%, it is **324623**.

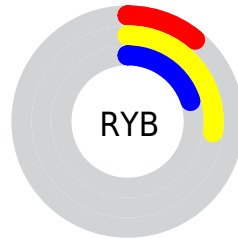
# Distribution



Red (18%)

Green (27%)

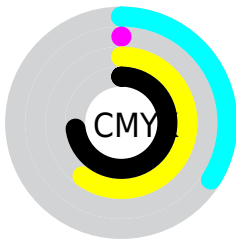
Blue (11%)



Red (11%)

Yellow (27%)

Blue (20%)

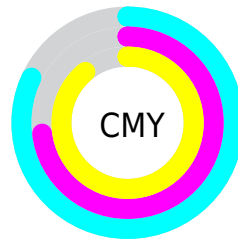


Cyan (34%)

Magenta (0%)

Yellow (60%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E461C 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 2E461C by changing the saturation by 10% instead.



 2E461C

 2E461C

FFFFFF

 182F04

 5E7749

 001C00

 779061

 000000

 91AB7A

 ABC694

 C7E2AF

 E3FFCA

 FFFFE7

 2E461C

 2E461C

■ 2A4615

■ 324623

■ 26460E

■ 36462A

■ 224607

■ 3A4631

■ 1E4600

■ 3E4638

■ 42463F

■ 464646

■ 4A464D

■ 4E4654

■ 52465B

# Harmonies

## Analogous

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



454012



2E461C



07492F

# Triad

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



2E461C



004668



682C3A

# Complementary

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



2E461C



341C46

# 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.



5F2F50



2E461C



24406B

# Square

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



2E461C



00495A



4A3761



653125

# Rectangle

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



2E461C



004A3E



4A3761



662C41



# Sweetspot

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



2E461C



525C4B



46341C



282E24



ADADAD



2E2E2E



# Same Dimension

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



2E461C



365C1A



1C461F



222420



2B6300



61E300



# Inverse Universe

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



341C46



3F1A5C



461C43



222024



390063

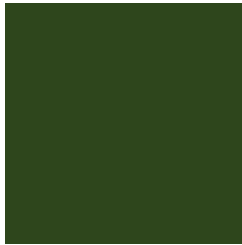


8200E3



# Previews

## White Background



This preview shows how the Hex color 2E461C looks on a white background.

## Color Contrast Check

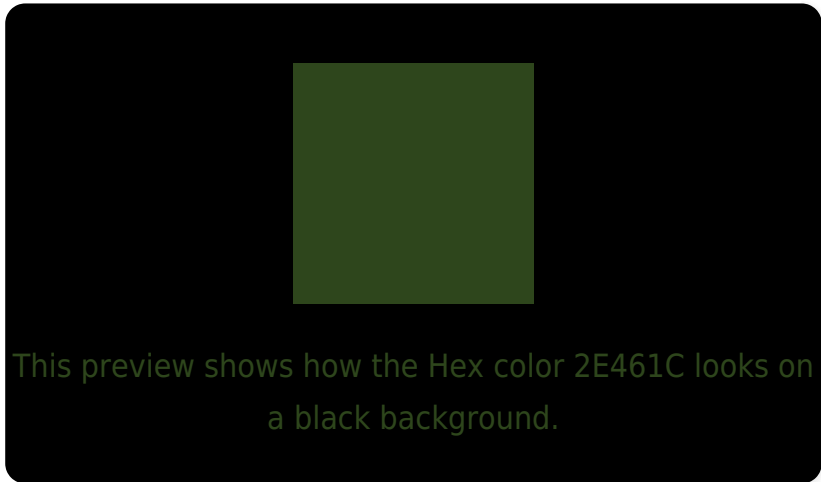
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

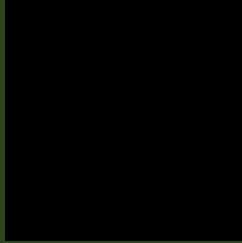
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E461C Background



This preview shows how black text looks on a background with the Hex color 2E461C.



This preview shows how white text looks on a background with the Hex color 2E461C.

# 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**  
2E461C

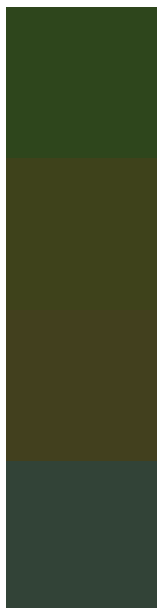
**Protanopia**  
473F1A

**Deuteranopia**  
4E3C1F



**Tritanopia**  
344247

# Trichromacy



**Original Color**

2E461C

**Protanomaly**

3E421B

**Deuteranomaly**

42401E

**Tritanomaly**

324337

# Monochromacy



**Original Color**

2E461C

**Achromatopsia**

3A3A3A

**Achromatomaly**

363E2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E461C 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 #2E461C looks like.

```
.text, #text, p{  
    color:#2E461C  
}
```

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 #2E461C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E461C
}
```

## Border

The CSS property to change the border of an element to Hex 2E461C is called "border". The border property can be set on classes, ids or directly on the HTML element.

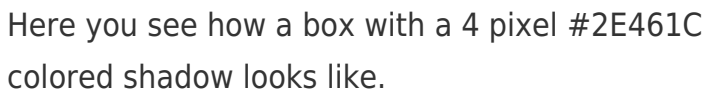
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E461C }
```

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

```
.border{ border-color:#2E461C }
```

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



Here you see how a box with a 4 pixel #2E461C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E461C; -webkit-box-shadow:4px 4px  
4px 4px #2E461C; box-shadow:4px 4px 4px  
4px #2E461C }
```

# Background

The CSS property to change the background color of an element to Hex 2E461C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E461C }
```

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

```
.background{ background-color:#2E461C }
```

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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