

Converting Colors

Hex(4E861E)

Have a look what the booklet for
Hex(4E861E) contains.

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Color

Hex(4E861E)

Conversions

Conversions Part 1

Format	Color
Hex	4E861E
RGB	78, 134, 30
RGB Percent	31%, 53%, 12%
CMY	0.6941, 0.4745, 0.8824
CMYK	0.42, 0.00, 0.78, 0.47
HSL	92°, 63%, 32%
HSV	92°, 78%, 53%
XYZ	11.9013, 18.7636, 4.2228
YIQ	105.4000, 0.0080, -44.2160

Conversions

Conversions Part 2

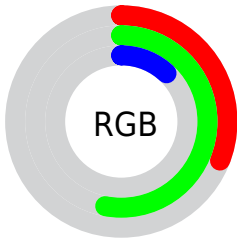
Format	Color
R_{YB}	30, 134, 86
Decimal	5146142
CIE Lab	50.41, -36.10, 46.80
CIE LCh	50, 59.109, 127.648
Yxy	18.7636, 0.3411, 0.5378
Android (android.graphics.Color)	4283336222 (0xFF4E861E)
YUV	105.4000, -37.1722, -24.0298
Hunter-Lab	43.3170, -26.7620, 24.5420

Details

The Hex color **4E861E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **561E86**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84BC52**, and **165400** is the 20% darker color. If you saturate the color by 10%, you get **478611**, and if you desaturate by 10%, it is **55862B**.

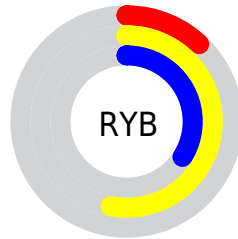
Distribution



Red (31%)

Green (53%)

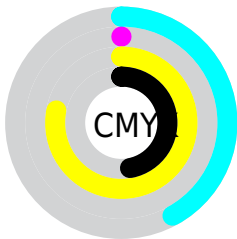
Blue (12%)



Red (12%)

Yellow (53%)

Blue (34%)

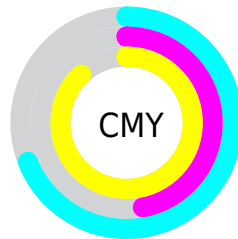


Cyan (42%)

Magenta (0%)

Yellow (78%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E861E 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 4E861E by changing the saturation by 10% instead.

 4E861E

 4E861E

FFFFFF

 336C00

 84BC52

 165400

 9FD86C

 003C00

 BBF487

 002700

 D8FFA2

 000300

 F5FFBE

 000000

 FFFFDA

 FFFFF7

 4E861E

 4E861E

■ 478611

■ 55862B

■ 408603

■ 5C8639

■ 3E8600

■ 648646

■ 6B8654

■ 728661

■ 79866E

■ 81867C

■ 888689

■ 8F8697

Harmonies

Analogous

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



847A00



4E861E



008D4F

Triad

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



4E861E



0087D5



D1436D

Complementary

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



4E861E



561E86

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.



BE4D9F



4E861E



007ADC

Square

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



4E861E



008EB4



8965C8



CA513D

Rectangle

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



4E861E



008F72



8965C8



CE447E

Sweetspot

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



4E861E



98AD86



86551E



4A573E



D6D6D6



575757

Same Dimension

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



4E861E



57AD0C



1E8621



3F423C



3C8200



010300

Inverse Universe

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



561E86



630CAD



861E83



3F3C42



460082



010003

Previews

White Background



This preview shows how the Hex color 4E861E looks on a white background.

Color Contrast Check

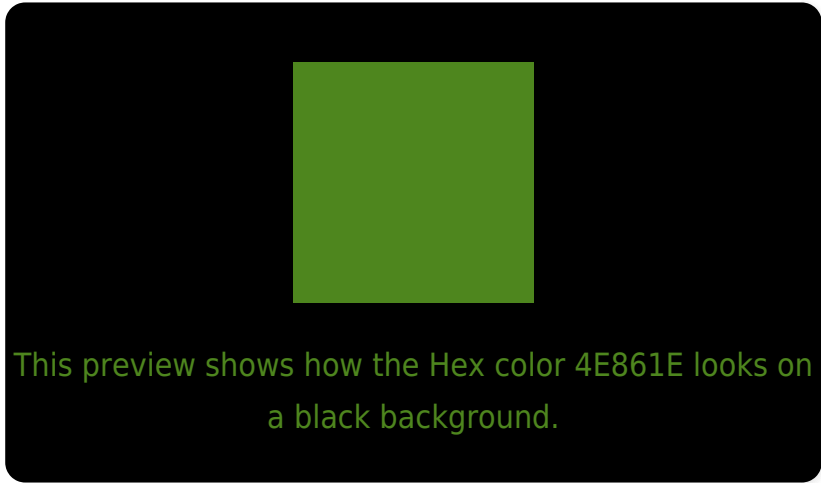
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 4E861E Background



This preview shows how black text looks on a background with the Hex color 4E861E.



This preview shows how white text looks on a background with the Hex color 4E861E.

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
4E861E

Protanopia
86781A

Deuteranopia
957127

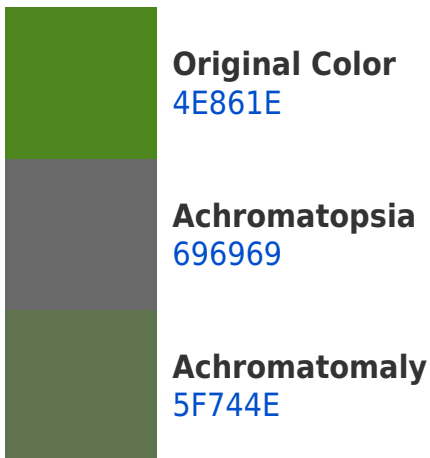


Tritanopia
5D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E861E 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 #4E861E looks like.

```
.text, #text, p{  
    color:#4E861E  
}
```

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 #4E861E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E861E
}
```

Border

The CSS property to change the border of an element to Hex 4E861E 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".

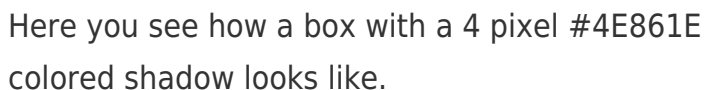
```
.border, #border, table{ border:4px solid
#4E861E }
```

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

```
.border{ border-color:#4E861E }
```

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

Here you see how a box with a 4 pixel #4E861E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E861E; -webkit-box-shadow:4px 4px  
4px 4px #4E861E; box-shadow:4px 4px 4px  
4px #4E861E }
```

Background

The CSS property to change the background color of an element to Hex 4E861E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E861E }
```

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

```
.background{ background-color:#4E861E }
```

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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