

Converting Colors

Hex(16731E)

Have a look what the booklet for
Hex(16731E) contains.

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Color

Hex(16731E)

Conversions

Conversions Part 1

Format	Color
Hex	16731E
RGB	22, 115, 30
RGB Percent	9%, 45%, 12%
CMY	0.9137, 0.5490, 0.8824
CMYK	0.81, 0.00, 0.74, 0.55
HSL	125°, 68%, 27%
HSV	125°, 81%, 45%
XYZ	6.6960, 12.5258, 3.2931
YIQ	77.5030, -28.1430, -46.1510

Conversions

Conversions Part 2

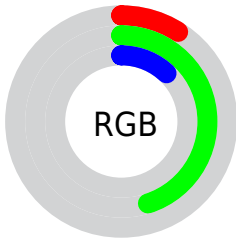
Format	Color
R_{YB}	22, 108, 115
Decimal	1471262
CIE _{Lab}	42.04, -43.67, 37.76
CIE _{LCh}	42, 57.727, 139.153
Yxy	12.5258, 0.2974, 0.5563
Android (android.graphics.Color)	4279661342 (0xFF16731E)
YUV	77.5030, -23.4190, -48.6761
Hunter-Lab	35.3918, -28.1643, 19.2575

Details

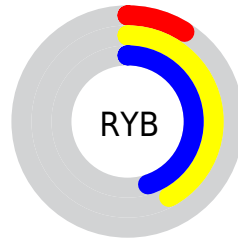
The Hex color **16731E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73166B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **54A84F**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **0A7313**, and if you desaturate by 10%, it is **217329**.

Distribution



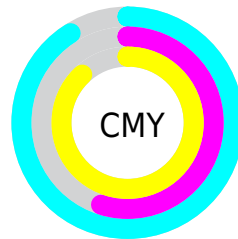
- Red (9%)
- Green (45%)
- Blue (12%)



- Red (9%)
- Yellow (42%)
- Blue (45%)



- Cyan (81%)
- Magenta (0%)
- Yellow (74%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16731E 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 16731E by changing the saturation by 10% instead.

 16731E

 16731E

FFFFFF

 005A02

 54A84F

 004100

 6FC469

 002B00

 8BE083

 000E00

 A7FD9D

 000000

 C4FFB9

 E1FFD5

 FEFFF1

 16731E

 16731E

■ 0A7313

■ 217329

■ 00730A

■ 2D7333

■ 39733E

■ 447348

■ 507353

■ 5B735D

■ 677368

■ 727372

■ 7E737D

Harmonies

Analogous

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



5B6A00



16731E



007750

Triad

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



16731E



006EC1



B63047

Complementary

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



16731E



73166B

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.



AF3077



16731E



365EBE

Square

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



16731E



0076AB



8A47A2



A6451A

Rectangle

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



16731E



007871



8A47A2



B62C57

Sweetspot

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



16731E



729675



6B7316



364D38



CCCCCC



4D4D4D

Same Dimension

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



16731E



059611



16734C



353B35



007A0B



00FA15

Inverse Universe

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



73166B



96058A



73163D



3B353A



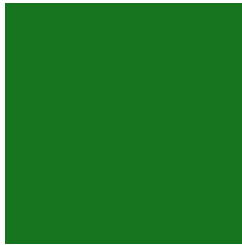
7A0070



FA00E4

Previews

White Background



This preview shows how the Hex color 16731E looks on a white background.

Color Contrast Check

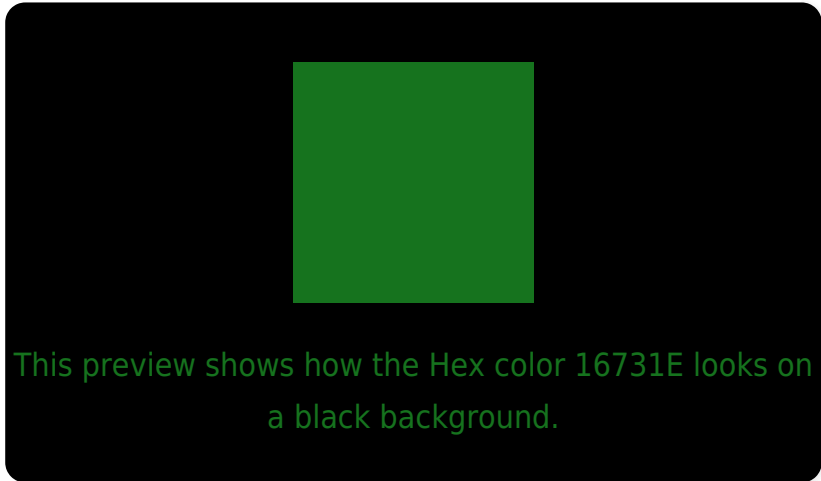
Large Text (above 18pt) WCAG AA ✓ Pass

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 16731E Background



This preview shows how black text looks on a background with the Hex color 16731E.



This preview shows how white text looks on a background with the Hex color 16731E.

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
16731E

Protanopia
6F631A

Deuteranopia
7B5E26



Tritanopia
336B74

Trichromacy



Original Color
16731E



Protanomaly
4F691B



Deuteranomaly
566623



Tritanomaly
286E55

Monochromacy



Original Color
16731E



Achromatopsia
4E4E4E



Achromatomaly
3A5B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 16731E 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 #16731E looks like.

```
.text, #text, p{  
    color:#16731E  
}
```

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 #16731E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16731E
}
```

Border

The CSS property to change the border of an element to Hex 16731E 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".

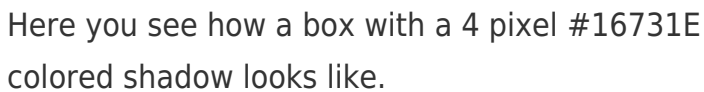
```
.border, #border, table{ border:4px solid
#16731E }
```

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

```
.border{ border-color:#16731E }
```

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

Here you see how a box with a 4 pixel #16731E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16731E; -webkit-box-shadow:4px 4px  
4px 4px #16731E; box-shadow:4px 4px 4px  
4px #16731E }
```

Background

The CSS property to change the background color of an element to Hex 16731E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16731E }
```

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

```
.background{ background-color:#16731E }
```

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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