

Converting Colors

Hex(67770E)

Have a look what the booklet for
Hex(67770E) contains.

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Color

Hex(67770E)

Conversions

Conversions Part 1

Format	Color
Hex	67770E
RGB	103, 119, 14
RGB Percent	40%, 47%, 5%
CMY	0.5961, 0.5333, 0.9451
CMYK	0.13, 0.00, 0.88, 0.53
HSL	69°, 79%, 26%
HSV	69°, 88%, 47%
XYZ	12.2696, 16.1089, 2.8781
YIQ	102.2460, 24.1690, -36.0470

Conversions

Conversions Part 2

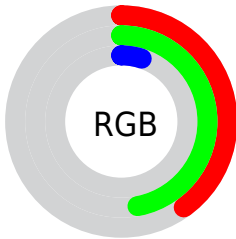
Format	Color
R_{YB}	14, 119, 30
Decimal	6780686
CIE _{Lab}	47.12, -19.36, 49.25
CIE _{LCh}	47, 52.914, 111.460
Yxy	16.1089, 0.3925, 0.5154
Android (android.graphics.Color)	4284970766 (0xFF67770E)
YUV	102.2460, -43.5053, 0.6613
Hunter-Lab	40.1359, -15.6702, 23.8435

Details

The Hex color **67770E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E0E77**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9DAB46**, and **344700** is the 20% darker color. If you saturate the color by 10%, you get **657702**, and if you desaturate by 10%, it is **69771A**.

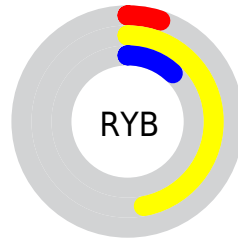
Distribution



Red (40%)

Green (47%)

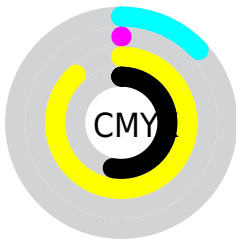
Blue (5%)



Red (5%)

Yellow (47%)

Blue (12%)

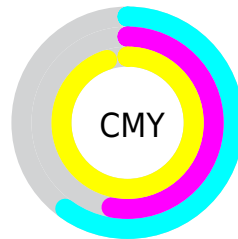


Cyan (13%)

Magenta (0%)

Yellow (88%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67770E 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 67770E by changing the saturation by 10% instead.



67770E



67770E

FFFFFF



4D5E00



9DAB46



344700



B9C660



1A3000



D6E27A



001D00



F3FF95



000000



FFFFB0



FFFACC



FFFEE9



67770E



67770E

■ 657702

■ 69771A

■ 657700

■ 6B7726

■ 6C7732

■ 6E773E

■ 70774A

■ 727755

■ 747761

■ 76776D

■ 777779

Harmonies

Analogous

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



906908



67770E



2C8035

Triad

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



67770E



0081B5



B9457E

Complementary

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



67770E



1E0E77

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.



9955A8



67770E



0079C8

Square

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



67770E



00848F



5669C3



BF4652

Rectangle

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



67770E



008352



5669C3



B1498D

Sweetspot

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



67770E



959C73



771E0E



4B4F37



CFCFCF



4F4F4F

Same Dimension

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



67770E



849C00



33770E



3A3B35



687A00



D4FA00

Inverse Universe

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



1E0E77



18009C



520E77



36353B



13007A



2600FA

Previews

White Background



This preview shows how the Hex color 67770E looks on a white background.

Color Contrast Check

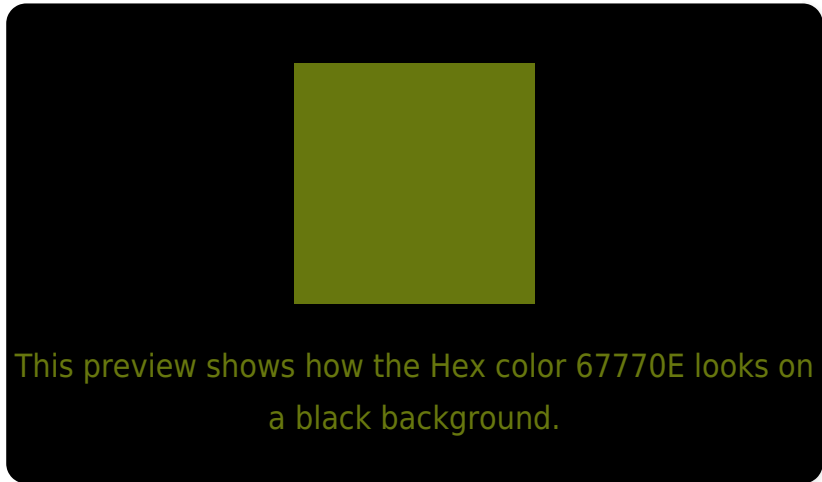
Large Text (above 18pt) WCAG AA ✓ Pass

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

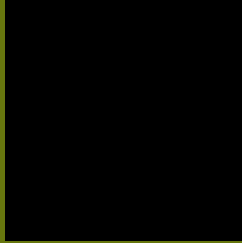
Any Text WCAG AA × Fail

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 67770E Background



This preview shows how black text looks on a background with the Hex color 67770E.



This preview shows how white text looks on a background with the Hex color 67770E.

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
67770E

Protanopia
7E700B

Deuteranopia
8D6A18



Tritanopia
706F77

Trichromacy



Original Color
67770E

Protanomaly
76730C

Deuteranomaly
7F6F14

Tritanomaly
6D7251

Monochromacy



Original Color
67770E

Achromatopsia
666666

Achromatomaly
666C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 67770E 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 #67770E looks like.

```
.text, #text, p{  
    color:#67770E  
}
```

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 #67770E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67770E
}
```

Border

The CSS property to change the border of an element to Hex 67770E is called "border". The border property can be set on classes, ids or directly on the HTML element.

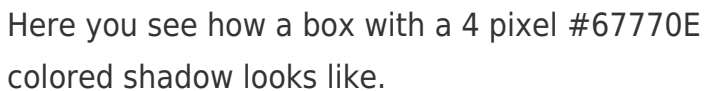
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67770E }
```

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

```
.border{ border-color:#67770E }
```

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



Here you see how a box with a 4 pixel #67770E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67770E; -webkit-box-shadow:4px 4px  
4px 4px #67770E; box-shadow:4px 4px 4px  
4px #67770E }
```

Background

The CSS property to change the background color of an element to Hex 67770E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67770E }
```

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

```
.background{ background-color:#67770E }
```

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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