

Converting Colors

Hex(67763C)

Have a look what the booklet for
Hex(67763C) contains.

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Color

Hex(67763C)

Conversions

Conversions Part 1

Format	Color
Hex	67763C
RGB	103, 118, 60
RGB Percent	40%, 46%, 24%
CMY	0.5961, 0.5373, 0.7647
CMYK	0.13, 0.00, 0.49, 0.54
HSL	76°, 33%, 35%
HSV	76°, 49%, 46%
XYZ	12.8876, 16.1667, 6.7162
YIQ	106.9030, 9.6780, -21.2180

Conversions

Conversions Part 2

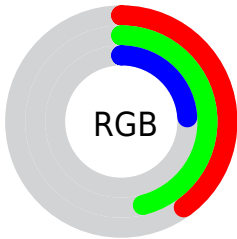
Format	Color
RYB	60, 118, 75
Decimal	6780476
CIELab	47.19, -15.51, 29.93
CIElCh	47, 33.710, 117.395
Yxy	16.1667, 0.3603, 0.4520
Android (android.graphics.Color)	4284970556 (0xFF67763C)
YUV	106.9030, -23.1232, -3.4229
Hunter-Lab	40.2078, -13.1501, 18.2418

Details

The Hex color **67763C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3C76**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9BAA6D**, and **36460E** is the 20% darker color. If you saturate the color by 10%, you get **647630**, and if you desaturate by 10%, it is **6A7648**.

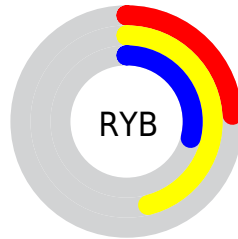
Distribution



Red (40%)

Green (46%)

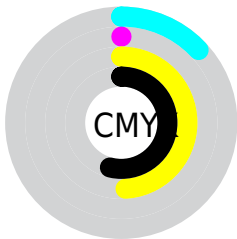
Blue (24%)



Red (24%)

Yellow (46%)

Blue (29%)

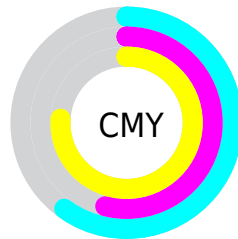


Cyan (13%)

Magenta (0%)

Yellow (49%)

Black (54%)



Cyan (60%)

Magenta (54%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67763C 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 67763C by changing the saturation by 10% instead.



67763C



67763C

FFFFFF



4E5D25



9BAA6D



36460E



B6C586



212F00



D2E1A1



001B00



EFFEBC



000000



FFFFD8



FFFFF5



67763C



67763C



647630



6A7648

■ 617624

■ 6D7654

■ 5E7619

■ 70765F

■ 5B760D

■ 73766B

■ 587601

■ 767677

■ 577600

■ 797683

■ 7C768F

■ 7F769A

■ 8276A6

Harmonies

Analogous

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



846D36



67763C



447C50

Triad

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



67763C



007B9F



A35974

Complementary

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



67763C



4B3C76

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.



915F8F



67763C



3B74A8

Square

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



67763C



007E89



6F69A2



A55B57

Rectangle

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



67763C



257E63



6F69A2



9F5A7D

Sweetspot

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



67763C



939982



764A3C



494D3F



CCCCCC



4D4D4D

Same Dimension

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



67763C



82993F



4A763C



393B35



5B7A00



B9FA00

Inverse Universe

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



4B3C76



563F99



673C76



36353B



20007A



4100FA

Previews

White Background



This preview shows how the Hex color 67763C looks on a white background.

Color Contrast Check

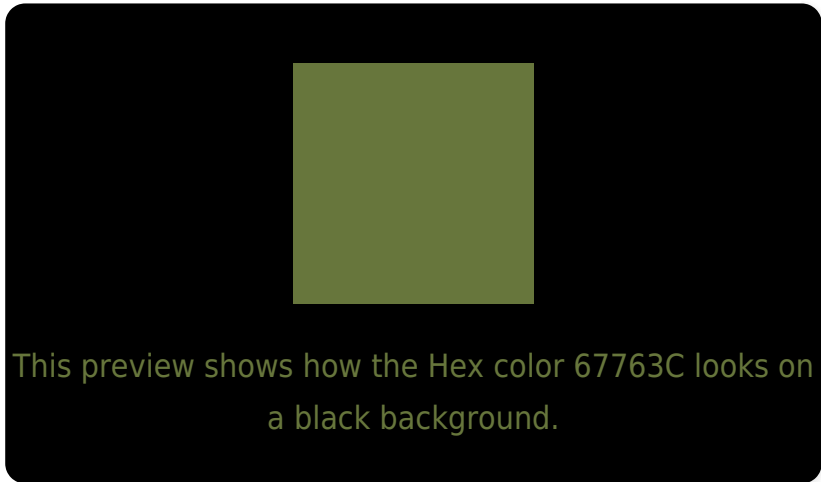
Large Text (above 18pt) WCAG AA ✓ Pass

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

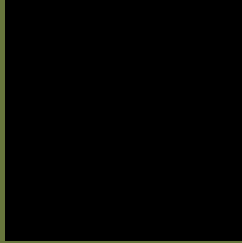
Any Text WCAG AA × Fail

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 67763C Background



This preview shows how black text looks on a background with the Hex color 67763C.



This preview shows how white text looks on a background with the Hex color 67763C.

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
67763C

Protanopia
7B703A

Deuteranopia
886B3F



Tritanopia
6E6F78

Trichromacy



Original Color
67763C

Protanomaly
74723B

Deuteranomaly
7C6F3E

Tritanomaly
6B7262

Monochromacy



Original Color
67763C

Achromatopsia
6B6B6B

Achromatomaly
6A6F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 67763C 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 #67763C looks like.

```
.text, #text, p{  
    color:#67763C  
}
```

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 #67763C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67763C
}
```

Border

The CSS property to change the border of an element to Hex 67763C 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
#67763C }
```

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

```
.border{ border-color:#67763C }
```

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

Here you see how a box with a 4 pixel #67763C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67763C; -webkit-box-shadow:4px 4px  
4px 4px #67763C; box-shadow:4px 4px 4px  
4px #67763C }
```

Background

The CSS property to change the background color of an element to Hex 67763C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67763C }
```

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

```
.background{ background-color:#67763C }
```

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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