

# Converting Colors

Hex(767042)

Have a look what the booklet for  
Hex(767042) contains.

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**Color**

**Hex(767042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	767042
RGB	118, 112, 66
RGB Percent	46%, 44%, 26%
CMY	0.5373, 0.5608, 0.7412
CMYK	0.00, 0.05, 0.44, 0.54
HSL	53°, 28%, 36%
HSV	53°, 44%, 46%
XYZ	14.2488, 15.8332, 7.4594
YIQ	108.5500, 18.3420, -13.0340

# Conversions

## Conversions Part 2

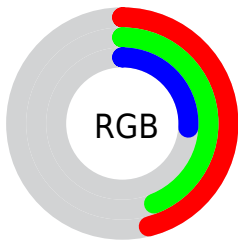
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 118, 66
Decimal	7761986
CIELab	46.75, -4.88, 26.36
CIElCh	47, 26.810, 100.492
Yxy	15.8332, 0.3795, 0.4218
Android (android.graphics.Color)	4285952066 (0xFF767042)
YUV	108.5500, -20.9771, 8.2877
Hunter-Lab	39.7910, -5.7152, 16.7390

# Details

The Hex color **767042** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424876**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **ABA473**, and **444015** is the 20% darker color. If you saturate the color by 10%, you get **766F36**, and if you desaturate by 10%, it is **76714E**.

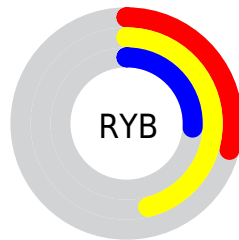
# Distribution



Red (46%)

Green (44%)

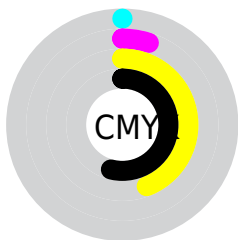
Blue (26%)



Red (29%)

Yellow (46%)

Blue (26%)

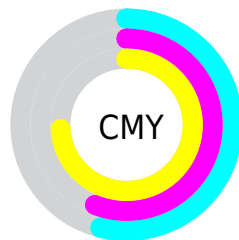


Cyan (0%)

Magenta (5%)

Yellow (44%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767042 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 767042 by changing the saturation by 10% instead.





767042



767042

FFFFFF



5D582B



ABA473



444015



C7BF8D



2E2A00



E3DAA7



151700



FFF7C2



000000



FFFFDF



FFFFFB



767042



767042



766F36



76714E

766D2A

76735A

766C1F

767465

766B13

767571

766907

76777D

766800

767889

767A95

767BA0

767CAC

# Harmonies

## Analogous

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



8A6845



767042



5D764C

# Triad

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



767042



157A8B



915F7E

# Complementary

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



767042



424876

# 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.



7C6691



767042



357599

# Square

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



767042



237B76



5C6E9B



9B5D68

# Rectangle

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



767042



4B7958



5C6E9B



8C6185



# Sweetspot

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



767042



999785



764248



4D4B40



CCCCCC



4D4D4D



# Same Dimension

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



767042



999048



627642



3B3A35



7A6C00



FADD00



# Inverse Universe

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



424876



485199



564276



35353B



000E7A



001DFA



# Previews

## White Background



This preview shows how the Hex color 767042 looks on a white background.

## Color Contrast Check

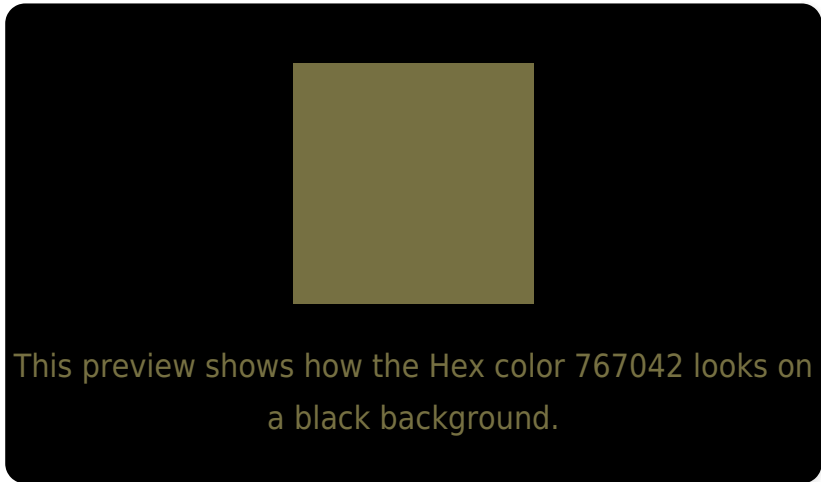
Large Text (above 18pt) WCAG AA ✓ Pass

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

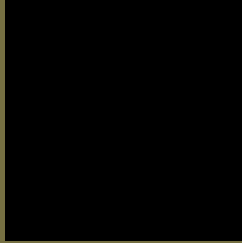
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 767042 Background



This preview shows how black text looks on a background with the Hex color 767042.



This preview shows how white text looks on a background with the Hex color 767042.

# 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**  
767042

**Protanopia**  
796F42

**Deuteranopia**  
866A43



**Tritanopia**  
7B6A73

# Trichromacy



**Original Color**  
767042

**Protanomaly**  
786F42

**Deuteranomaly**  
806C43

**Tritanomaly**  
796C61

# Monochromacy



**Original Color**  
767042

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
706E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767042 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 #767042 looks like.

```
.text, #text, p{  
    color:#767042  
}
```

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 #767042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767042
}
```

## Border

The CSS property to change the border of an element to Hex 767042 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
#767042 }
```

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

```
.border{ border-color:#767042 }
```

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

Here you see how a box with a 4 pixel #767042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767042; -webkit-box-shadow:4px 4px  
4px 4px #767042; box-shadow:4px 4px 4px  
4px #767042 }
```

# Background

The CSS property to change the background color of an element to Hex 767042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767042 }
```

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

```
.background{ background-color:#767042 }
```

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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