

Converting Colors

Hex(767873)

Have a look what the booklet for
Hex(767873) contains.

Hex(767873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(767873)

Conversions

Conversions Part 1

Format	Color
Hex	767873
RGB	118, 120, 115
RGB Percent	46%, 47%, 45%
CMY	0.5373, 0.5294, 0.5490
CMYK	0.02, 0.00, 0.04, 0.53
HSL	84°, 2%, 46%
HSV	84°, 4%, 47%
XYZ	17.2822, 18.5223, 18.8839
YIQ	118.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

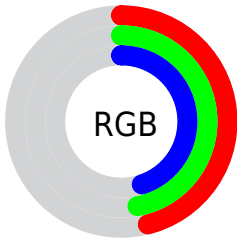
Format	Color
R_{YB}	115, 120, 117
Decimal	7764083
CIE Lab	50.12, -1.75, 2.47
CIE LCh	50, 3.030, 125.328
Yxy	18.5223, 0.3160, 0.3387
Android (android.graphics.Color)	4285954163 (0xFF767873)
YUV	118.8320, -1.8892, -0.7297
Hunter-Lab	43.0375, -3.6371, 4.1111

Details

The Hex color **767873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **757378**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AAACA7**, and **464843** is the 20% darker color. If you saturate the color by 10%, you get **717867**, and if you desaturate by 10%, it is **7B787F**.

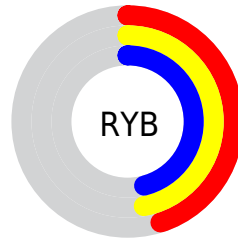
Distribution



Red (46%)

Green (47%)

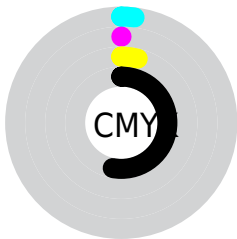
Blue (45%)



Red (45%)

Yellow (47%)

Blue (46%)

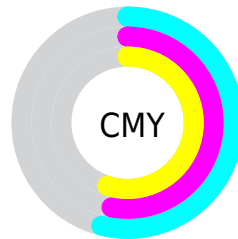


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767873 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 767873 by changing the saturation by 10% instead.

■ 767873

■ 767873

FFFFFF

■ 5D5F5A

■ AAACA7

■ 464843

■ C5C8C2

■ 2F312D

■ E1E4DE

■ 1B1C18

■ FEFFFA

■ 000100

■ 000000

■ 767873

■ 767873

■ 717867

■ 7B787F

■ 6C785B

■ 80788B

■ 68784F

■ 847897

■ 637843

■ 8978A3

■ 5E7837

■ 8E78AF

■ 59782B

■ 9378BB

■ 54781F

■ 9878C7

■ 507813

■ 9C78D3

■ 4B7807

■ A178DF

Harmonies

Analogous

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



797772



767873



737975

Triad

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



767873



73787C



7D7677

Complementary

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



767873



757378

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.



7B7679



767873



75777C

Square

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



767873



71797A



78767B



7D7674

Rectangle

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



767873



727977



78767B



7C7678

Sweetspot

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



767873



9B9C9A



787573



4F4F4E



CFCFCF



4F4F4F

Same Dimension

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



767873



989C94



747873



3C3D3A



4B7D00



97FC00

Inverse Universe

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



757378



97949C



777378



3B3A3D



32007D



6500FC

Previews

White Background



This preview shows how the Hex color 767873 looks on a white background.

Color Contrast Check

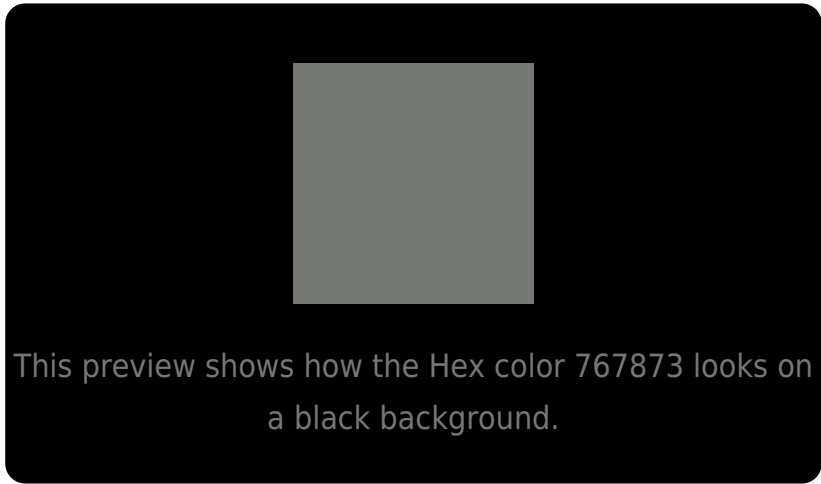
Large Text (above 18pt) WCAG AA ✓ Pass

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

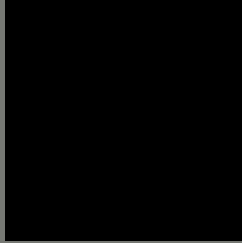
Any Text WCAG AA ✓ Pass

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 767873 Background



This preview shows how black text looks on a background with the Hex color 767873.



This preview shows how white text looks on a background with the Hex color 767873.

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
767873

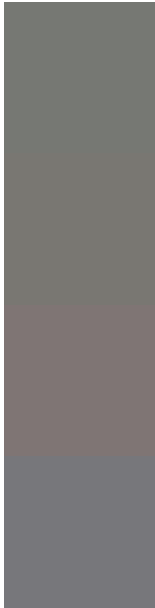
Protanopia
7A7772

Deuteranopia
847374



Tritanopia
78767F

Trichromacy



Original Color
767873

Protanomaly
797772

Deuteranomaly
7F7574

Tritanomaly
77777B

Monochromacy



Original Color
767873

Achromatopsia
777777

Achromatomaly
777776

CSS Examples

Text

The CSS property to change the color of the text to Hex 767873 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 #767873 looks like.

```
.text, #text, p{  
    color:#767873  
}
```

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 #767873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767873  
}
```

Border

The CSS property to change the border of an element to Hex 767873 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  
#767873 }
```

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

```
.border{ border-color:#767873 }
```

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

Here you see how a box with a 4 pixel #767873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767873; -webkit-box-shadow:4px 4px  
4px 4px #767873; box-shadow:4px 4px 4px  
4px #767873 }
```

Background

The CSS property to change the background color of an element to Hex 767873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767873 }
```

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

```
.background{ background-color:#767873 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor