

Converting Colors

Hex(7F7670)

Have a look what the booklet for
Hex(7F7670) contains.

Hex(7F7670)	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(7F7670)

Conversions

Conversions Part 1

Format	Color
Hex	7F7670
RGB	127, 118, 112
RGB Percent	50%, 46%, 44%
CMY	0.5020, 0.5373, 0.5608
CMYK	0.00, 0.07, 0.12, 0.50
HSL	24°, 6%, 47%
HSV	24°, 12%, 50%
XYZ	18.1555, 18.6387, 17.9700
YIQ	120.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

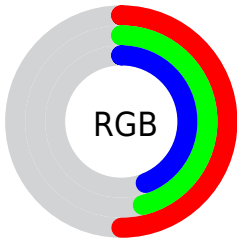
Format	Color
R_{YB}	127, 122, 112
Decimal	8353392
CIE _{Lab}	50.26, 2.34, 4.54
CIE _{LCh}	50, 5.109, 62.684
Yxy	18.6387, 0.3315, 0.3403
Android (android.graphics.Color)	4286543472 (0xFF7F7670)
YUV	120.0070, -3.9475, 6.1329
Hunter-Lab	43.1726, -0.4871, 5.5422

Details

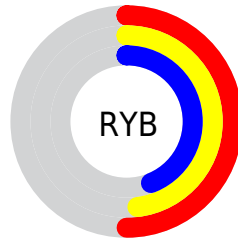
The Hex color **7F7670** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70797F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B4AAA4**, and **4E4640** is the 20% darker color. If you saturate the color by 10%, you get **7F6E63**, and if you desaturate by 10%, it is **7F7E7D**.

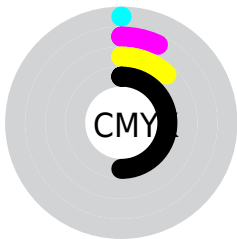
Distribution



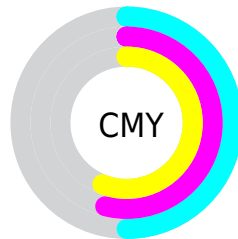
- Red (50%)
- Green (46%)
- Blue (44%)



- Red (50%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7670 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 7F7670 by changing the saturation by 10% instead.

 7F7670

 7F7670

FFFFFF

 665D58

 B4AAA4

 4E4640

 CFC5BF

 372F2A

 ECE1DB

 211B16

 FFFEF7

 080000

 000000

 7F7670

 7F7670

 7F6E63

 7F7E7D

 7F6757

 7F8589

 7F5F4A

 7F8D96

 7F583D

 7F94A3

 7F5031

 7F9CB0

 7F4824

 7FA4BC

 7F4117

 7FABC9

 7F390A

 7FB3D6

 7F3300

 7FBBE2

Harmonies

Analogous

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



817573



7F7670



7B776F

Triad

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



7F7670



6E7A78



79767F

Complementary

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



7F7670



70797F

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.



747880



7F7670



6D7A7C

Square

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



7F7670



717A73



6F797F



7E757C

Rectangle

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



7F7670



787870



6F797F



777780

Sweetspot

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



7F7670



A6A29F



7F7079



545250



D4D4D4



545454

Same Dimension

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



7F7670



A6988F



7F7E70



403C39



803300



000000

Inverse Universe

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



70797F



8F9CA6



70727F



393D40



004C80



000000

Previews

White Background



This preview shows how the Hex color 7F7670 looks on a white background.

Color Contrast Check

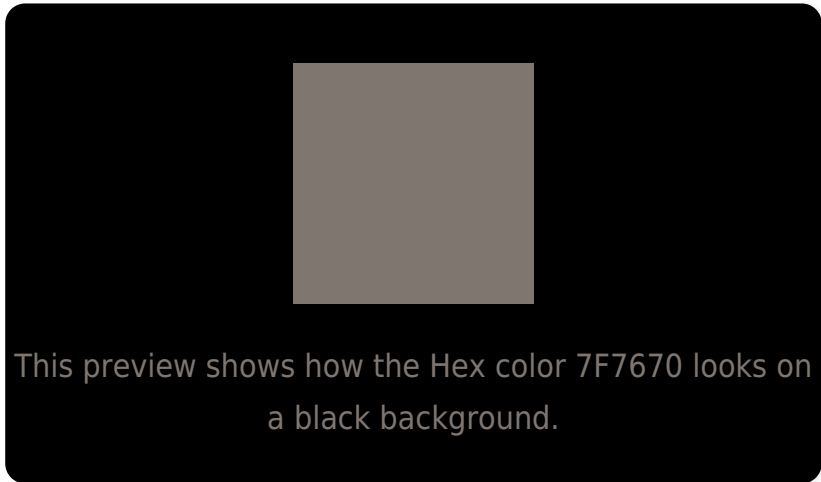
Large Text (above 18pt) WCAG AA ✓ Pass

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

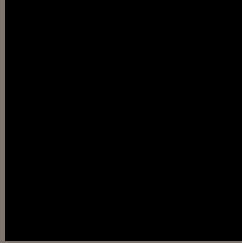
Any Text WCAG AA ✓ Pass

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 7F7670 Background



This preview shows how black text looks on a background with the Hex color 7F7670.

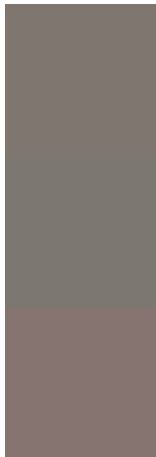


This preview shows how white text looks on a background with the Hex color 7F7670.

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
7F7670

Protanopia
7B7771

Deuteranopia
867470



Tritanopia
81747D

Trichromacy



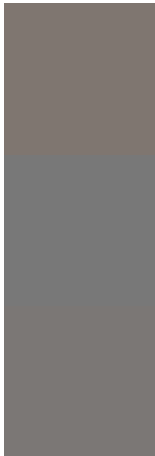
Original Color
7F7670

Protanomaly
7C7771

Deuteranomaly
837570

Tritanomaly
807578

Monochromacy



Original Color
7F7670

Achromatopsia
787878

Achromatomaly
7B7775

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7670 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 #7F7670 looks like.

```
.text, #text, p{  
    color:#7F7670  
}
```

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 #7F7670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7670
}
```

Border

The CSS property to change the border of an element to Hex 7F7670 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
#7F7670 }
```

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

```
.border{ border-color:#7F7670 }
```

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

Here you see how a box with a 4 pixel #7F7670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7670; -webkit-box-shadow:4px 4px  
4px 4px #7F7670; box-shadow:4px 4px 4px  
4px #7F7670 }
```

Background

The CSS property to change the background color of an element to Hex 7F7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7670 }
```

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

```
.background{ background-color:#7F7670 }
```

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