

Converting Colors

Hex(7F8766)

Have a look what the booklet for
Hex(7F8766) contains.

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Color

Hex(7F8766)

Conversions

Conversions Part 1

Format	Color
Hex	7F8766
RGB	127, 135, 102
RGB Percent	50%, 53%, 40%
CMY	0.5020, 0.4706, 0.6000
CMYK	0.06, 0.00, 0.24, 0.47
HSL	75°, 14%, 46%
HSV	75°, 24%, 53%
XYZ	19.8146, 22.7993, 15.9267
YIQ	128.8460, 5.8250, -11.9590

Conversions

Conversions Part 2

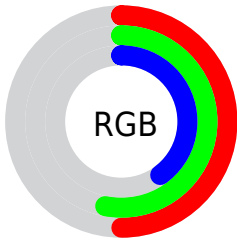
Format	Color
RYB	102, 135, 110
Decimal	8357734
CIELab	54.86, -8.98, 16.80
CIELCh	55, 19.051, 118.119
Yxy	22.7993, 0.3385, 0.3895
Android (android.graphics.Color)	4286547814 (0xFF7F8766)
YUV	128.8460, -13.2351, -1.6189
Hunter-Lab	47.7486, -9.4864, 13.6476

Details

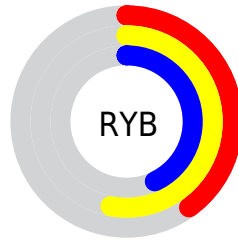
The Hex color **7F8766** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E6687**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4BC99**, and **4E5537** is the 20% darker color. If you saturate the color by 10%, you get **7C8759**, and if you desaturate by 10%, it is **828774**.

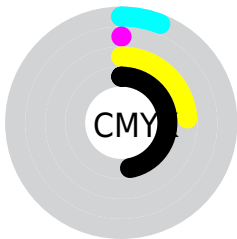
Distribution



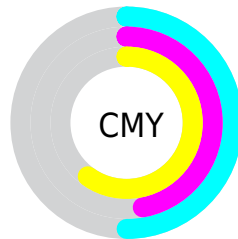
- Red (50%)
- Green (53%)
- Blue (40%)



- Red (40%)
- Yellow (53%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F8766 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 7F8766 by changing the saturation by 10% instead.

 7F8766

 7F8766

FFFFFF

 666E4E

 B4BC99

 4E5537

 D0D8B4

 363E21

 ECF4D0

 21280B

 FFFFEC

 041500

 000000

 7F8766

 7F8766

 7C8759

 828774

 78874B

 868781

 75873E

 89878F

 728730

 8C879C

 6F8723

 8F87AA

 6B8715

 9387B7

 688708

 9687C4

 668700

 9987D2

 9C87E0

Harmonies

Analogous

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



918263



7F8766



6C8B71

Triad

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



7F8766



5B8A9F



A37885

Complementary

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



7F8766



6E6687

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.



987A95



7F8766



6E85A4

Square

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



7F8766



548C92



857FA0



A57875

Rectangle

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



7F8766



618C7C



857FA0



A0788B

Sweetspot

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



7F8766



ADB0A4



876E66



585952



D9D9D9



595959

Same Dimension

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



7F8766



A4B07D



6F8766



41423C



638200



020300

Inverse Universe

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



6E6687



897DB0



7E6687



3D3C42



200082



010003

Previews

White Background



This preview shows how the Hex color 7F8766 looks on a white background.

Color Contrast Check

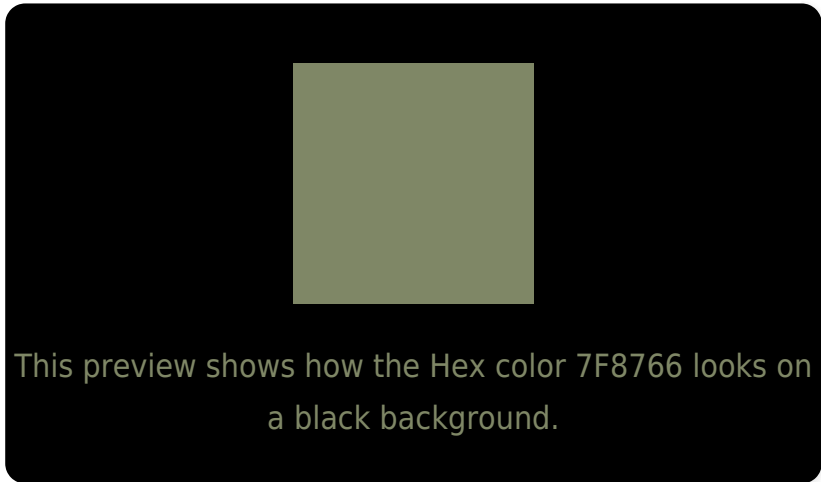
Large Text (above 18pt) WCAG AA ✓ Pass

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

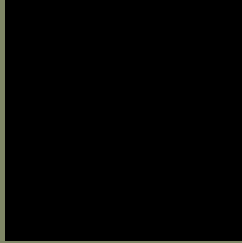
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

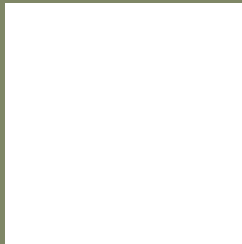
Any Text WCAG AAA × Fail

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

Hex 7F8766 Background



This preview shows how black text looks on a background with the Hex color 7F8766.



This preview shows how white text looks on a background with the Hex color 7F8766.

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
7F8766

Protanopia
8C8364

Deuteranopia
997E68



Tritanopia
84828C

Trichromacy



Original Color
7F8766

Protanomaly
878465

Deuteranomaly
908167

Tritanomaly
82847E

Monochromacy



Original Color
7F8766

Achromatopsia
818181

Achromatomaly
808377

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F8766 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 #7F8766 looks like.

```
.text, #text, p{  
    color:#7F8766  
}
```

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 #7F8766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8766
}
```

Border

The CSS property to change the border of an element to Hex 7F8766 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
#7F8766 }
```

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

```
.border{ border-color:#7F8766 }
```

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

Here you see how a box with a 4 pixel #7F8766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8766; -webkit-box-shadow:4px 4px  
4px 4px #7F8766; box-shadow:4px 4px 4px  
4px #7F8766 }
```

Background

The CSS property to change the background color of an element to Hex 7F8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8766 }
```

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

```
.background{ background-color:#7F8766 }
```

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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