

Converting Colors

Hex(7C8076)

Have a look what the booklet for
Hex(7C8076) contains.

Hex(7C8076)	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(7C8076)

Conversions

Conversions Part 1

Format	Color
Hex	7C8076
RGB	124, 128, 118
RGB Percent	49%, 50%, 46%
CMY	0.5137, 0.4980, 0.5373
CMYK	0.03, 0.00, 0.08, 0.50
HSL	84°, 4%, 48%
HSV	84°, 8%, 50%
XYZ	19.3014, 21.0314, 20.1817
YIQ	125.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

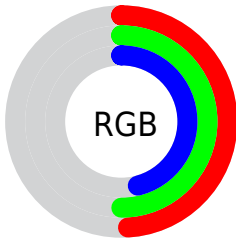
Format	Color
RYB	118, 128, 122
Decimal	8159350
CIELab	52.98, -3.45, 4.91
CIELCh	53, 5.999, 125.145
Yxy	21.0314, 0.3190, 0.3475
Android (android.graphics.Color)	4286349430 (0xFF7C8076)
YUV	125.6640, -3.7784, -1.4593
Hunter-Lab	45.8600, -5.1288, 6.0102

Details

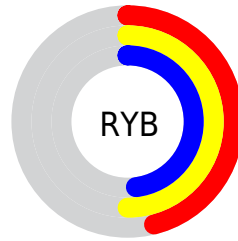
The Hex color **7C8076** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7680**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B1B5AA**, and **4B4F46** is the 20% darker color. If you saturate the color by 10%, you get **778069**, and if you desaturate by 10%, it is **818083**.

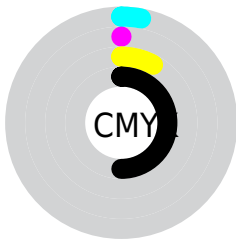
Distribution



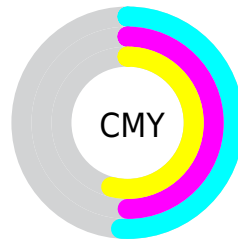
- Red (49%)
- Green (50%)
- Blue (46%)



- Red (46%)
- Yellow (50%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8076 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 7C8076 by changing the saturation by 10% instead.

 7C8076

 7C8076

FFFFFF

 63675D

 B1B5AA

 4B4F46

 CCD0C5

 35382F

 E8EDE1

 1F231B

FFFFFFE

 080D00

 000000

 7C8076

 7C8076

 778069

 818083

 72805C

 868090

6D8050

8B809C

688043

9080A9

628036

9680B6

5D8029

9B80C3

58801C

A080D0

538010

A580DC

4E8003

AA80E9

Harmonies

Analogous

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



827E74



7C8076



76817A

Triad

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



7C8076



758088



897B7E

Complementary

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



7C8076



7A7680

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.



867C83



7C8076



7A7F89

Square

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



7C8076



728184



817D87



8A7B79

Rectangle

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



7C8076



74827D



817D87



897B80

Sweetspot

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



7C8076



A4A6A2



807A76



535452



D4D4D4



545454

Same Dimension

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



7C8076



A0A697



778076



3D4039



4C8000



000000

Inverse Universe

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



7A7680



9D97A6



7F7680



3C3940



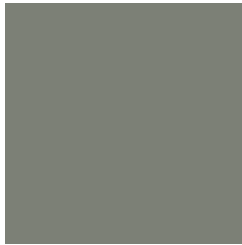
330080



000000

Previews

White Background



This preview shows how the Hex color 7C8076 looks on a white background.

Color Contrast Check

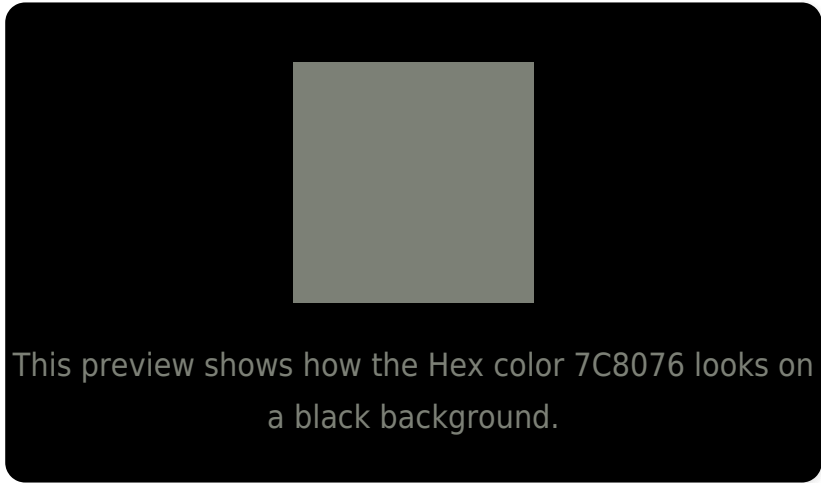
Large Text (above 18pt) WCAG AA ✓ Pass

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

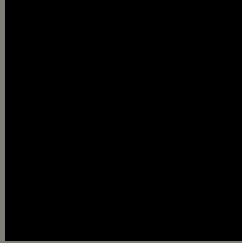
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

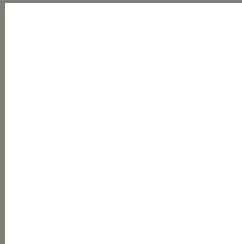
Any Text WCAG AAA × Fail

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

Hex 7C8076 Background



This preview shows how black text looks on a background with the Hex color 7C8076.



This preview shows how white text looks on a background with the Hex color 7C8076.

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

7C8076

Protanopia

837E75

Deuteranopia

8D7A77



Tritanopia
7F7D87

Trichromacy



Original Color
7C8076

Protanomaly
807F75

Deuteranomaly
877C77

Tritanomaly
7E7E81

Monochromacy



Original Color
7C8076

Achromatopsia
7E7E7E

Achromatomaly
7D7F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8076 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 #7C8076 looks like.

```
.text, #text, p{  
    color:#7C8076  
}
```

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 #7C8076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8076
}
```

Border

The CSS property to change the border of an element to Hex 7C8076 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
#7C8076 }
```

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

```
.border{ border-color:#7C8076 }
```

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

Here you see how a box with a 4 pixel #7C8076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8076; -webkit-box-shadow:4px 4px  
4px 4px #7C8076; box-shadow:4px 4px 4px  
4px #7C8076 }
```

Background

The CSS property to change the background color of an element to Hex 7C8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8076 }
```

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

```
.background{ background-color:#7C8076 }
```

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