

Converting Colors

Hex(7A8075)

Have a look what the booklet for
Hex(7A8075) contains.

Hex(7A8075)	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(7A8075)

Conversions

Conversions Part 1

Format	Color
Hex	7A8075
RGB	122, 128, 117
RGB Percent	48%, 50%, 46%
CMY	0.5216, 0.4980, 0.5412
CMYK	0.05, 0.00, 0.09, 0.50
HSL	93°, 4%, 48%
HSV	93°, 9%, 50%
XYZ	18.9561, 20.8603, 19.8570
YIQ	124.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

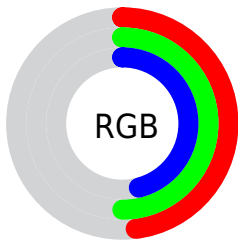
Format	Color
R_{YB}	117, 128, 123
Decimal	8028277
CIE Lab	52.80, -4.41, 5.20
CIE LCh	53, 6.814, 130.302
Yxy	20.8603, 0.3177, 0.3496
Android (android.graphics.Color)	4286218357 (0xFF7A8075)
YUV	124.9520, -3.9203, -2.5889
Hunter-Lab	45.6730, -5.8434, 6.1940

Details

The Hex color **7A8075** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7580**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AEB5A9**, and **494F45** is the 20% darker color. If you saturate the color by 10%, you get **738068**, and if you desaturate by 10%, it is **818082**.

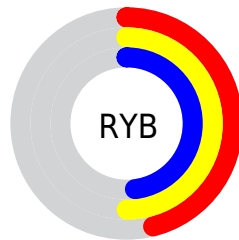
Distribution



Red (48%)

Green (50%)

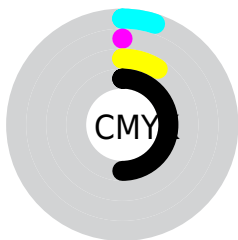
Blue (46%)



Red (46%)

Yellow (50%)

Blue (48%)

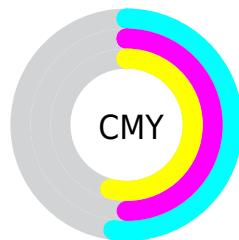


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (50%)



Cyan (52%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8075 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 7A8075 by changing the saturation by 10% instead.

■ 7A8075

■ 7A8075

FFFFFF

■ 61675C

■ AEB5A9

■ 494F45

■ CAD0C4

■ 33382F

■ E6EDE0

■ 1E231A

FFFFFFD

■ 040D00

■ 000000

■ 7A8075

■ 7A8075

■ 738068

■ 818082

■ 6C805B

■ 88808F

65804F

8F809B

5E8042

9680A8

578035

9D80B5

508028

A480C2

49801B

AB80CF

42800F

B280DB

3B8002

B980E8

Harmonies

Analogous

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



817E73



7A8075



74817A

Triad

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



7A8075



748089



8B7A7C

Complementary

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



7A8075



7B7580

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.



887B82



7A8075



7A7E89

Square

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



7A8075



708185



827C87



8A7B77

Rectangle

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



7A8075



71827E



827C87



8A7A7E

Sweetspot

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



7A8075



A3A6A1



807B75



525451



D4D4D4



545454

Same Dimension

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



7A8075



9DA695



758075



3C4039



3A8000



000000

Inverse Universe

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



7B7580



9E95A6



807580



3D3940



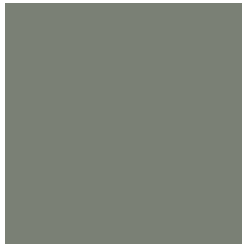
460080



000000

Previews

White Background



This preview shows how the Hex color 7A8075 looks on a white background.

Color Contrast Check

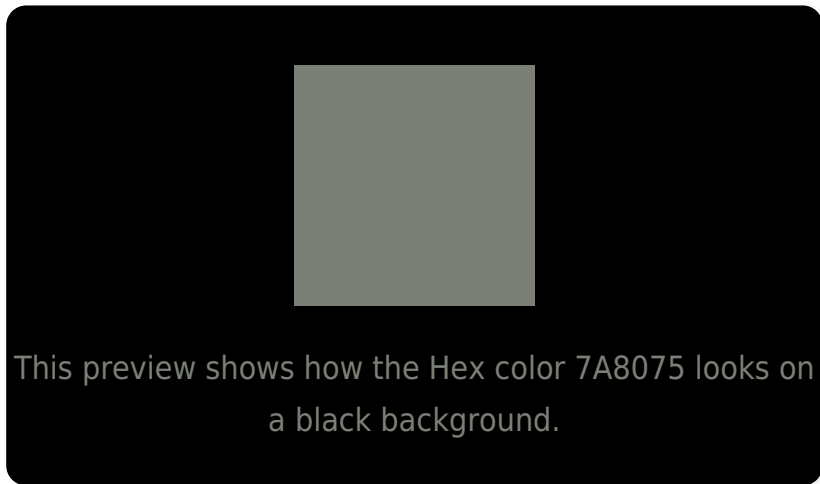
Large Text (above 18pt) WCAG AA ✓ Pass

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

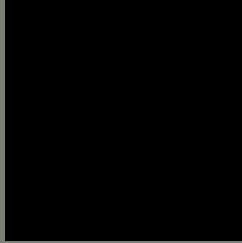
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

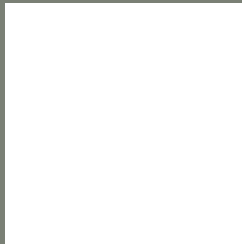
Any Text WCAG AAA × Fail

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

Hex 7A8075 Background



This preview shows how black text looks on a background with the Hex color 7A8075.



This preview shows how white text looks on a background with the Hex color 7A8075.

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

7A8075

Protanopia

837D74

Deuteranopia

8D7A76



Tritanopia
7D7D87

Trichromacy



Original Color
7A8075

Protanomaly
807E74

Deuteranomaly
867C76

Tritanomaly
7C7E80

Monochromacy



Original Color
7A8075

Achromatopsia
7D7D7D

Achromatomaly
7C7E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8075 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 #7A8075 looks like.

```
.text, #text, p{  
    color:#7A8075  
}
```

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 #7A8075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8075
}
```

Border

The CSS property to change the border of an element to Hex 7A8075 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
#7A8075 }
```

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

```
.border{ border-color:#7A8075 }
```

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

Here you see how a box with a 4 pixel #7A8075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8075; -webkit-box-shadow:4px 4px  
4px 4px #7A8075; box-shadow:4px 4px 4px  
4px #7A8075 }
```

Background

The CSS property to change the background color of an element to Hex 7A8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8075 }
```

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

```
.background{ background-color:#7A8075 }
```

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