

Converting Colors

Hex(7A8470)

Have a look what the booklet for
Hex(7A8470) contains.

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Color

Hex(7A8470)

Conversions

Conversions Part 1

Format	Color
Hex	7A8470
RGB	122, 132, 112
RGB Percent	48%, 52%, 44%
CMY	0.5216, 0.4824, 0.5608
CMYK	0.08, 0.00, 0.15, 0.48
HSL	90°, 8%, 48%
HSV	90°, 15%, 52%
XYZ	19.2019, 21.8100, 18.5269
YIQ	126.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

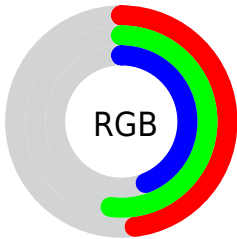
Format	Color
R_YB	112, 132, 122
Decimal	8029296
CIE Lab	53.82, -7.58, 9.56
CIE LCh	54, 12.203, 128.420
Yxy	21.8100, 0.3225, 0.3663
Android (android.graphics.Color)	4286219376 (0xFF7A8470)
YUV	126.7300, -7.2619, -4.1482
Hunter-Lab	46.7011, -8.3338, 9.1697

Details

The Hex color **7A8470** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A7084**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AEB9A4**, and **495340** is the 20% darker color. If you saturate the color by 10%, you get **738463**, and if you desaturate by 10%, it is **81847D**.

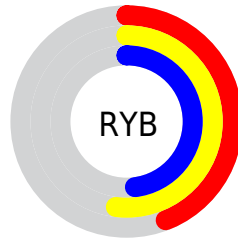
Distribution



Red (48%)

Green (52%)

Blue (44%)



Red (44%)

Yellow (52%)

Blue (48%)

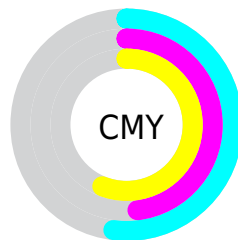


Cyan (8%)

Magenta (0%)

Yellow (15%)

Black (48%)



Cyan (52%)

Magenta (48%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8470 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 7A8470 by changing the saturation by 10% instead.

 7A8470

 7A8470

FFFFFF

 616B58

 AEB9A4

 495340

 CAD5BF

 333C2A

 E6F1DB

 1D2616

 FFFFF7


 021200

 000000

 7A8470

 7A8470

 738463

 81847D

 6D8456

 87848A

668448

8E8498

60843B

9484A5

59842E

9B84B2

528421

A284BF

4C8414

A884CC

458406

AF84DA

428400

B584E7

Harmonies

Analogous

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



86816C



7A8470



6F8679

Triad

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



7A8470



6D8494



97797E

Complementary

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



7A8470



7A7084

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.



917A89



7A8470



798195

Square

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



7A8470



66868D



867D91



967B74

Rectangle

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



7A8470



698780



867D91



957982

Sweetspot

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



7A8470



A7ABA2



847A70



545751



D6D6D6



575757

Same Dimension

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



7A8470



9BAB8C



708470



3F423C



418200



010300

Inverse Universe

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



7A7084



9B8CAB



847084



3F3C42



410082



010003

Previews

White Background



This preview shows how the Hex color 7A8470 looks on a white background.

Color Contrast Check

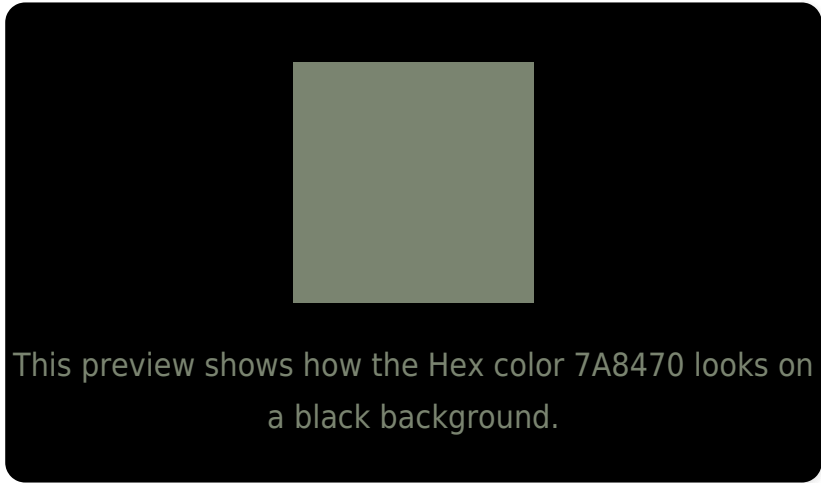
Large Text (above 18pt) WCAG AA ✓ Pass

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

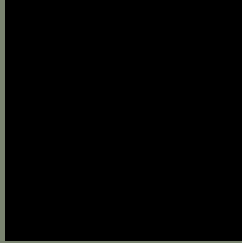
Any Text WCAG AA ✓ Pass

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 7A8470 Background



This preview shows how black text looks on a background with the Hex color 7A8470.



This preview shows how white text looks on a background with the Hex color 7A8470.

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

7A8470

Protanopia

87806E

Deuteranopia

927C72



Tritanopia
7E808A

Trichromacy



Original Color

7A8470

Protanomaly

82816F

Deuteranomaly

897F71

Tritanomaly

7D8181

Monochromacy



Original Color

7A8470

Achromatopsia

7F7F7F

Achromatomaly

7D817A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8470 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 #7A8470 looks like.

```
.text, #text, p{  
    color:#7A8470  
}
```

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 #7A8470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8470
}
```

Border

The CSS property to change the border of an element to Hex 7A8470 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
#7A8470 }
```

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

```
.border{ border-color:#7A8470 }
```

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

Here you see how a box with a 4 pixel #7A8470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8470; -webkit-box-shadow:4px 4px  
4px 4px #7A8470; box-shadow:4px 4px 4px  
4px #7A8470 }
```

Background

The CSS property to change the background color of an element to Hex 7A8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8470 }
```

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

```
.background{ background-color:#7A8470 }
```

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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