

Converting Colors

Hex(47A770)

Have a look what the booklet for
Hex(47A770) contains.

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Color

Hex(47A770)

Conversions

Conversions Part 1

Format	Color
Hex	47A770
RGB	71, 167, 112
RGB Percent	28%, 65%, 44%
CMY	0.7216, 0.3451, 0.5608
CMYK	0.57, 0.00, 0.33, 0.35
HSL	146°, 40%, 47%
HSV	146°, 57%, 65%
XYZ	19.3419, 30.1469, 20.1287
YIQ	132.0260, -39.5610, -37.4570

Conversions

Conversions Part 2

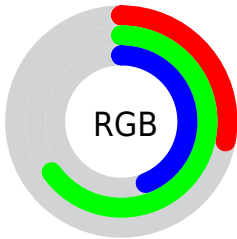
Format	Color
RYB	71, 138, 167
Decimal	4695920
CIELab	61.78, -41.17, 20.17
CIElCh	62, 45.842, 153.894
Yxy	30.1469, 0.2778, 0.4330
Android (android.graphics.Color)	4282886000 (0xFF47A770)
YUV	132.0260, -9.8728, -53.5198
Hunter-Lab	54.9062, -33.2053, 16.6985

Details

The Hex color **47A770** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A7477E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7FDFA4**, and **007240** is the 20% darker color. If you saturate the color by 10%, you get **36A766**, and if you desaturate by 10%, it is **58A77A**.

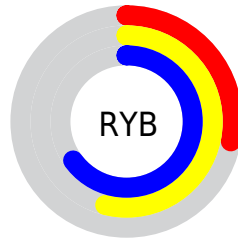
Distribution



Red (28%)

Green (65%)

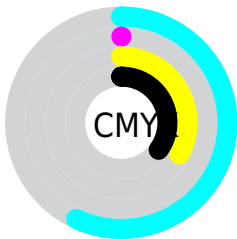
Blue (44%)



Red (28%)

Yellow (54%)

Blue (65%)

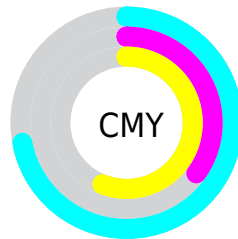


Cyan (57%)

Magenta (0%)

Yellow (33%)

Black (35%)



Cyan (72%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A770 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 47A770 by changing the saturation by 10% instead.

 47A770

 47A770

FFFFFF

 288C57

 7FDFA4

 007240

 9BFCBF

 005929

 B8FFDB

 004014

 D5FFF8

 002A00

 F2FFFF

 000C00

 000000

 47A770

 47A770

 36A766

 58A77A

 26A75D

 68A783

 15A753

 79A78D

 04A74A

 8AA796

 00A747

 9BA7A0

 ABA7A9

 BCA7B3

 CDA7BD

 DDA7C6

Harmonies

Analogous

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



7EA04F



47A770



00AA99

Triad

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



47A770



5898E6



DE786A

Complementary

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



47A770



A7477E

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.



E07391



47A770



9F89D9

Square

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



47A770



00A3DD



CC7ABA



CA864C

Rectangle

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



47A770



00AAB5



CC7ABA



E17577

Sweetspot

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



47A770



B4D9C4



7FA747



586E61



EDEDED



6E6E6E

Same Dimension

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



47A770



43D983



47A79F



4C544F



00943F



001409

Inverse Universe

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



A7477E



D94399



A7474F



544C51



940055



14000C

Previews

White Background



This preview shows how the Hex color 47A770 looks on a white background.

Color Contrast Check

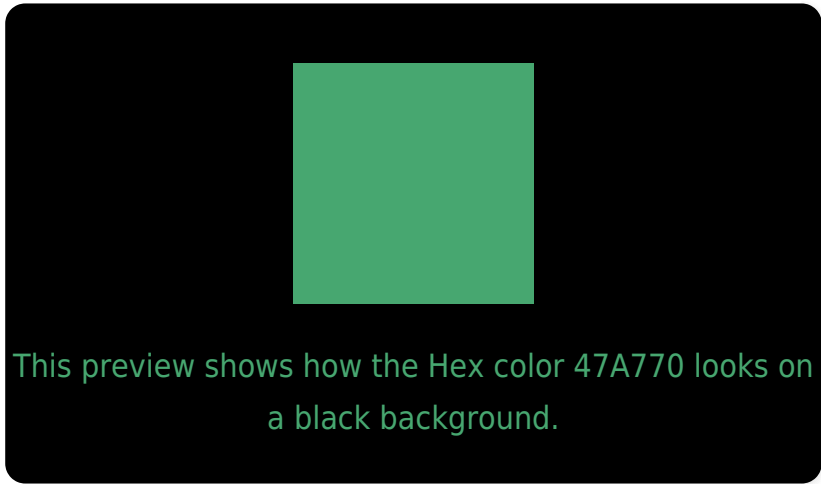
Large Text (above 18pt) WCAG AA × Fail

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

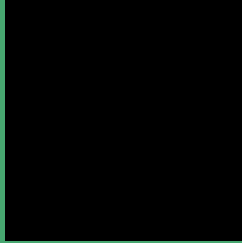
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 47A770 Background



This preview shows how black text looks on a background with the Hex color 47A770.

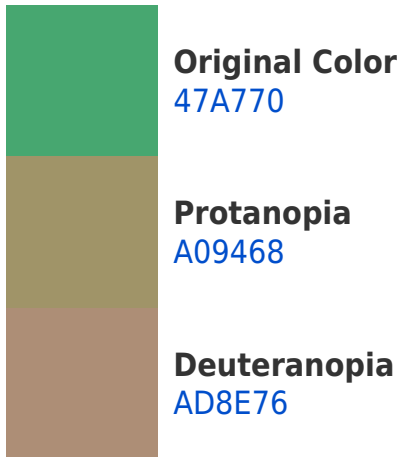


This preview shows how white text looks on a background with the Hex color 47A770.

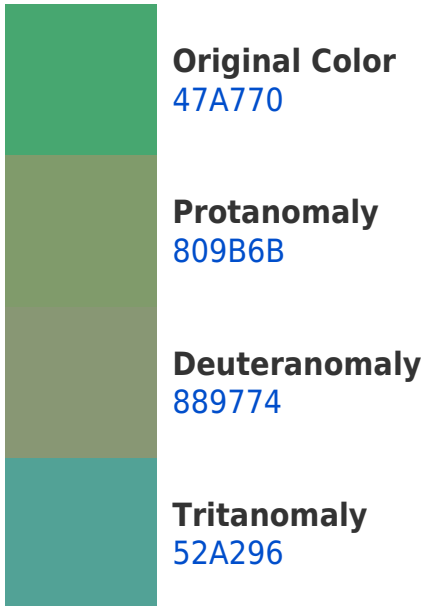
Color Blindness Simulation

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](#).

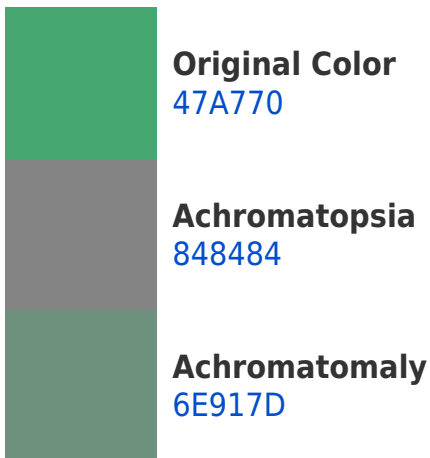
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47A770 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 #47A770 looks like.

```
.text, #text, p{  
    color:#47A770  
}
```

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 #47A770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A770
}
```

Border

The CSS property to change the border of an element to Hex 47A770 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
#47A770 }
```

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

```
.border{ border-color:#47A770 }
```

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

Here you see how a box with a 4 pixel #47A770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A770; -webkit-box-shadow:4px 4px  
4px 4px #47A770; box-shadow:4px 4px 4px  
4px #47A770 }
```

Background

The CSS property to change the background color of an element to Hex 47A770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A770 }
```

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

```
.background{ background-color:#47A770 }
```

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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