

Converting Colors

Hex(47A86D)

Have a look what the booklet for
Hex(47A86D) contains.

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Color

Hex(47A86D)

Conversions

Conversions Part 1

Format	Color
Hex	47A86D
RGB	71, 168, 109
RGB Percent	28%, 66%, 43%
CMY	0.7216, 0.3412, 0.5725
CMYK	0.58, 0.00, 0.35, 0.34
HSL	144°, 41%, 47%
HSV	144°, 58%, 66%
XYZ	19.3615, 30.4490, 19.3248
YIQ	132.2710, -38.8730, -38.9130

Conversions

Conversions Part 2

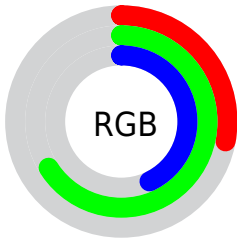
Format	Color
RYB	71, 141, 168
Decimal	4696173
CIELab	62.04, -42.18, 22.16
CIELCh	62, 47.647, 152.290
Yxy	30.4490, 0.2801, 0.4404
Android (android.graphics.Color)	4282886253 (0xFF47A86D)
YUV	132.2710, -11.4726, -53.7347
Hunter-Lab	55.1806, -33.9349, 17.8625

Details

The Hex color **47A86D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A84782**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7FE0A1**, and **00733D** is the 20% darker color. If you saturate the color by 10%, you get **36A863**, and if you desaturate by 10%, it is **58A877**.

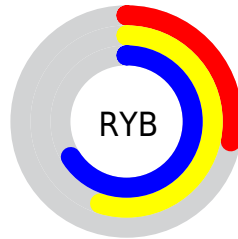
Distribution



Red (28%)

Green (66%)

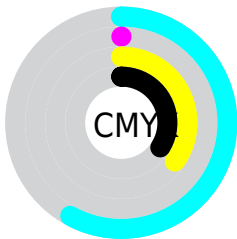
Blue (43%)



Red (28%)

Yellow (55%)

Blue (66%)

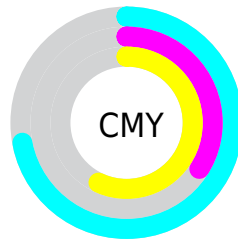


Cyan (58%)

Magenta (0%)

Yellow (35%)

Black (34%)



Cyan (72%)

Magenta (34%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A86D 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 47A86D by changing the saturation by 10% instead.

 47A86D

 47A86D

FFFFFF

 288D54

 7FE0A1

 00733D

 9BFDBC

 005A26

 B8FFD8

 004110

 D5FFF4

 002B00

 F2FFFF

 000E00

 000000

 47A86D

 47A86D

 36A863

 58A877

 25A859

 69A881

 15A84E

 79A88C

 04A844

 8AA896

 00A842

 9BA8A0

 ACA8AA

 BDA8B5

 CDA8BF

 DEA8C9

Harmonies

Analogous

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



80A14B



47A86D



00AB98

Triad

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



47A86D



4E99EA



E2776B

Complementary

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



47A86D



A84782

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.



E37294



47A86D



9D8ADD

Square

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



47A86D



00A5E0



CD7ABE



CE854B

Rectangle

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



47A86D



00ABB5



CD7ABE



E57478

Sweetspot

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



47A86D



B6DBC5



83A847



586E60



EDEDED



6E6E6E

Same Dimension

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



47A86D



44DB7F



47A89D



4C544F



00943A



001408

Inverse Universe

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



A84782



DB44A0



A84752



544C51



94005A



14000C

Previews

White Background



This preview shows how the Hex color 47A86D looks on a white background.

Color Contrast Check

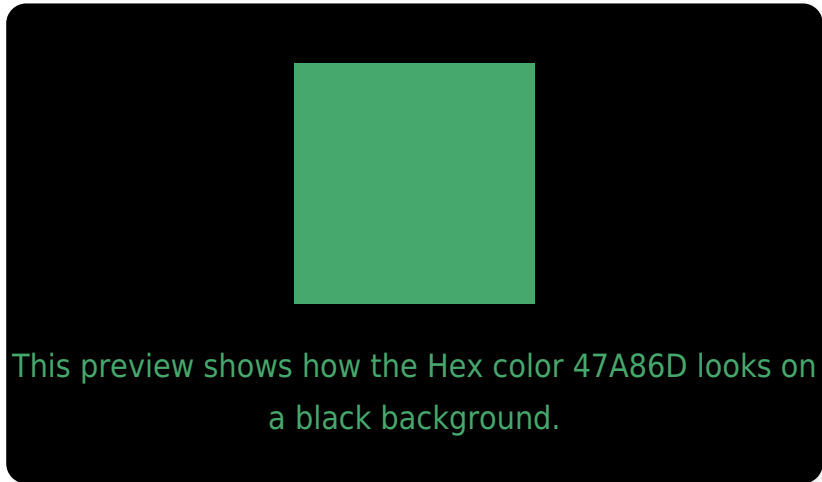
Large Text (above 18pt) WCAG AA × Fail

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

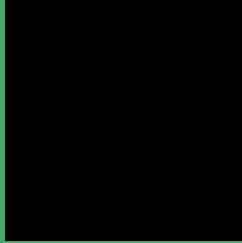
Any Text WCAG AA ✓ Pass

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 47A86D Background



This preview shows how black text looks on a background with the Hex color 47A86D.

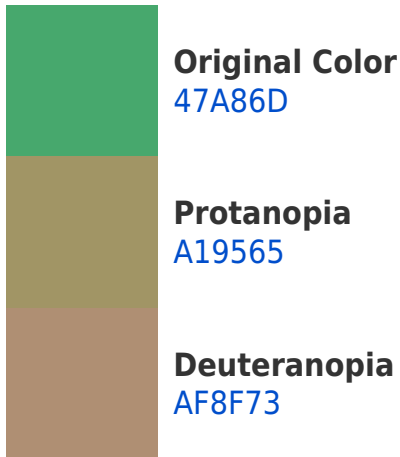


This preview shows how white text looks on a background with the Hex color 47A86D.

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



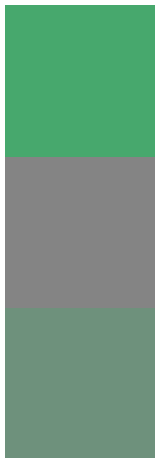
Original Color
47A86D

Protanomaly
809C68

Deuteranomaly
899871

Tritanomaly
53A396

Monochromacy



Original Color
47A86D

Achromatopsia
848484

Achromatomaly
6E917C

CSS Examples

Text

The CSS property to change the color of the text to Hex 47A86D 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 #47A86D looks like.

```
.text, #text, p{  
    color:#47A86D  
}
```

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 #47A86D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A86D
}
```

Border

The CSS property to change the border of an element to Hex 47A86D 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
#47A86D }
```

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

```
.border{ border-color:#47A86D }
```

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

Here you see how a box with a 4 pixel #47A86D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A86D; -webkit-box-shadow:4px 4px  
4px 4px #47A86D; box-shadow:4px 4px 4px  
4px #47A86D }
```

Background

The CSS property to change the background color of an element to Hex 47A86D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A86D }
```

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

```
.background{ background-color:#47A86D }
```

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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