

Converting Colors

Hex(4AA477)

Have a look what the booklet for
Hex(4AA477) contains.

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Color

Hex(4AA477)

Conversions

Conversions Part 1

Format	Color
Hex	4AA477
RGB	74, 164, 119
RGB Percent	29%, 64%, 47%
CMY	0.7098, 0.3569, 0.5333
CMYK	0.55, 0.00, 0.27, 0.36
HSL	150°, 38%, 47%
HSV	150°, 55%, 64%
XYZ	19.4293, 29.3387, 22.0917
YIQ	131.9600, -39.1950, -33.0750

Conversions

Conversions Part 2

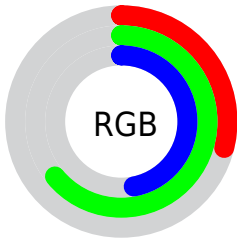
Format	Color
RYB	74, 134, 164
Decimal	4891767
CIELab	61.08, -37.70, 15.37
CIELCh	61, 40.714, 157.815
Yxy	29.3387, 0.2742, 0.4140
Android (android.graphics.Color)	4283081847 (0xFF4AA477)
YUV	131.9600, -6.3893, -50.8309
Hunter-Lab	54.1652, -30.7604, 13.7338

Details

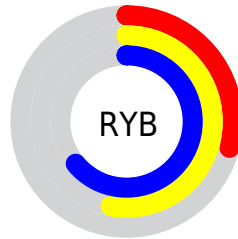
The Hex color **4AA477** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A44A77**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **81DCAB**, and **036F46** is the 20% darker color. If you saturate the color by 10%, you get **3AA46F**, and if you desaturate by 10%, it is **5AA47F**.

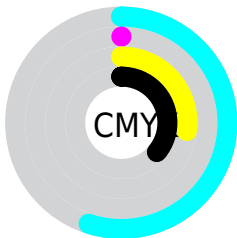
Distribution



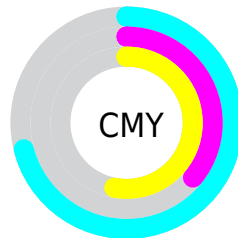
- Red (29%)
- Green (64%)
- Blue (47%)



- Red (29%)
- Yellow (53%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA477 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 4AA477 by changing the saturation by 10% instead.



4AA477



4AA477

FFFFFF



2D895E



81DCAB



036F46



9DF8C7



005630



BAFFE3



003E1A



D6FFFF



002801



F4FFFF



000700



000000



4AA477



4AA477



3AA46F



5AA47F

 29A467

 6BA487

 19A45E

 7BA490

 08A456

 8CA498

 00A452

 9CA4A0

 ACA4A8

 BDA4B0

 CDA4B9

 DEA4C1

Harmonies

Analogous

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



7A9E59



4AA477



00A69C

Triad

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



4AA477



6B94DA



D47C69

Complementary

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



4AA477



A44A77

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.



D8768B



4AA477



A386CC

Square

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



4AA477



009ED5



C87AAF



C08851

Rectangle

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



4AA477



00A5B4



C87AAF



D77974

Sweetspot

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



4AA477



B4D6C5



77A44A



576B61



EBEBEB



6B6B6B

Same Dimension

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



4AA477



49D690



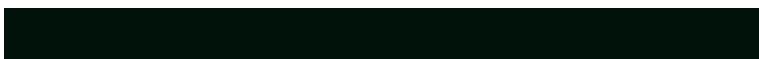
4AA4A4



49524E



009149



001209

Inverse Universe

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



A44A77



D64990



A44A4A



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 4AA477 looks on a white background.

Color Contrast Check

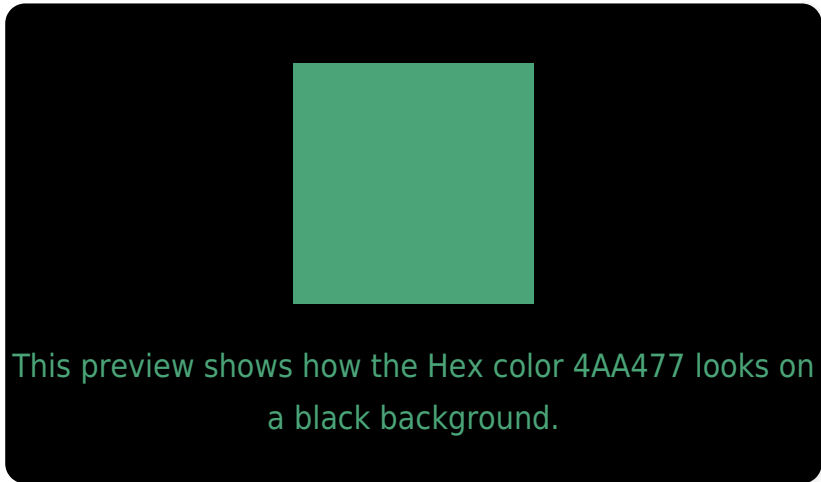
Large Text (above 18pt) WCAG AA ✓ Pass

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 4AA477 Background



This preview shows how black text looks on a background with the Hex color 4AA477.



This preview shows how white text looks on a background with the Hex color 4AA477.

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

4AA477



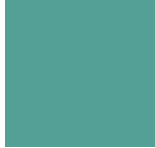
Protanomaly

7F9972



Deuteranomaly

86957A



Tritanomaly

54A097

Monochromacy



Original Color

4AA477



Achromatopsia

848484



Achromatomaly

6F907F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA477 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 #4AA477 looks like.

```
.text, #text, p{  
    color:#4AA477  
}
```

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 #4AA477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA477  
}
```

Border

The CSS property to change the border of an element to Hex 4AA477 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  
#4AA477 }
```

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

```
.border{ border-color:#4AA477 }
```

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

Here you see how a box with a 4 pixel #4AA477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA477; -webkit-box-shadow:4px 4px  
4px 4px #4AA477; box-shadow:4px 4px 4px  
4px #4AA477 }
```

Background

The CSS property to change the background color of an element to Hex 4AA477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA477 }
```

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

```
.background{ background-color:#4AA477 }
```

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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