

# Converting Colors

Hex(4DA078)

Have a look what the booklet for  
Hex(4DA078) contains.

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# Color

**Hex(4DA078)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA078
RGB	77, 160, 120
RGB Percent	30%, 63%, 47%
CMY	0.6980, 0.3725, 0.5294
CMYK	0.52, 0.00, 0.25, 0.37
HSL	151°, 35%, 46%
HSV	151°, 52%, 63%
XYZ	19.0215, 28.0755, 22.1859
YIQ	130.6230, -36.6280, -30.0360

# Conversions

## Conversions Part 2

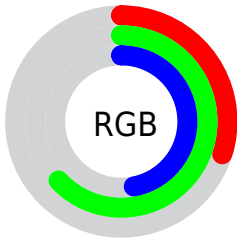
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 132, 160
Decimal	5087352
CIELab	59.96, -34.94, 13.27
CIELCh	60, 37.372, 159.200
Yxy	28.0755, 0.2745, 0.4052
Android (android.graphics.Color)	4283277432 (0xFF4DA078)
YUV	130.6230, -5.2371, -47.0274
Hunter-Lab	52.9863, -28.6463, 12.2651

# Details

The Hex color **4DA078** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04D75**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **83D7AC**, and **0E6C47** is the 20% darker color. If you saturate the color by 10%, you get **3DA070**, and if you desaturate by 10%, it is **5DA080**.

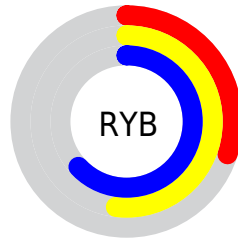
# Distribution



Red (30%)

Green (63%)

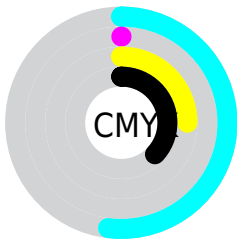
Blue (47%)



Red (30%)

Yellow (52%)

Blue (63%)

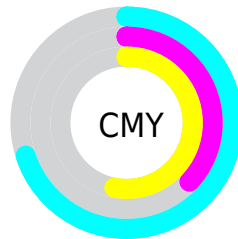


Cyan (52%)

Magenta (0%)

Yellow (25%)

Black (37%)



Cyan (70%)

Magenta (37%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA078 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 4DA078 by changing the saturation by 10% instead.





4DA078



4DA078

FFFFFF



31855F



83D7AC



0E6C47



9FF4C8



005331



BBFFE4



003B1C



D8FFFF



002602



F5FFFF



000000



4DA078



4DA078



3DA070



5DA080



2DA069



6DA087

 1DA061

 7DA08F

 0DA059

 8DA097

 00A053

 9DA09F

 ADA0A6

 BDA0AE

 CDA0B6

 DDA0BD

# Harmonies

## Analogous

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



789B5C



4DA078



00A29A

# Triad

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



4DA078



6F90D1



CB7C68

# Complementary

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



4DA078



A04D75

# 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.



CF7687



4DA078



A184C4

# Square

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



4DA078



299ACD



C27AA9



B98753

# Rectangle

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



4DA078



00A1AF



C27AA9



CF7972



# Sweetspot

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



4DA078



B0D1C1



75A04D



55695F



E8E8E8



696969



# Same Dimension

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



4DA078



4FD193



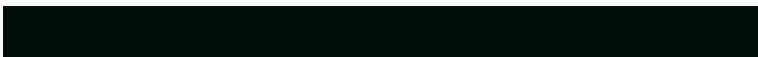
4D9FA0



474F4B



008F4A



000F08



# Inverse Universe

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



A04D75



D14F8E



A04E4D



4F474B



8F0045



0F0007



# Previews

## White Background



This preview shows how the Hex color 4DA078 looks on a white background.

## Color Contrast Check

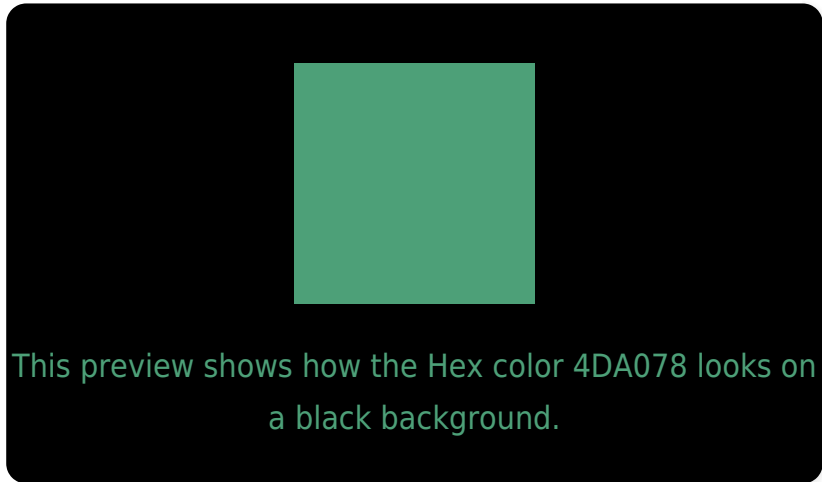
Large Text (above 18pt) WCAG AA ✓ Pass

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

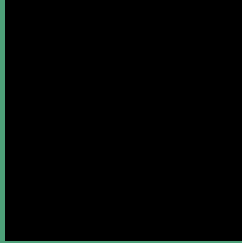
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4DA078 Background



This preview shows how black text looks on a background with the Hex color 4DA078.

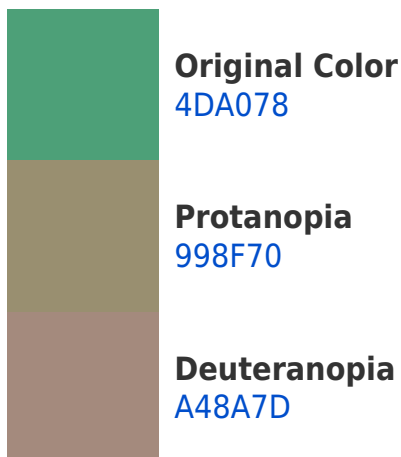


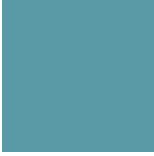
This preview shows how white text looks on a background with the Hex color 4DA078.

# 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





**Tritanopia**  
5A9AA6

# Trichromacy



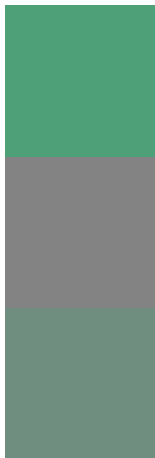
**Original Color**  
4DA078

**Protanomaly**  
7D9573

**Deuteranomaly**  
84927B

**Tritanomaly**  
559C95

# Monochromacy



**Original Color**  
4DA078

**Achromatopsia**  
838383

**Achromatomaly**  
6F8E7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA078 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 #4DA078 looks like.

```
.text, #text, p{  
    color:#4DA078  
}
```

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 #4DA078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA078  
}
```

## Border

The CSS property to change the border of an element to Hex 4DA078 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  
#4DA078 }
```

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

```
.border{ border-color:#4DA078 }
```

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

Here you see how a box with a 4 pixel #4DA078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA078; -webkit-box-shadow:4px 4px  
4px 4px #4DA078; box-shadow:4px 4px 4px  
4px #4DA078 }
```

# Background

The CSS property to change the background color of an element to Hex 4DA078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA078 }
```

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

```
.background{ background-color:#4DA078 }
```

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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