

# Converting Colors

Hex(40A077)

Have a look what the booklet for  
Hex(40A077) contains.

<b>Hex(40A077)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(40A077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40A077
RGB	64, 160, 119
RGB Percent	25%, 63%, 47%
CMY	0.7490, 0.3725, 0.5333
CMYK	0.60, 0.00, 0.26, 0.37
HSL	154°, 43%, 44%
HSV	154°, 60%, 63%
XYZ	18.0149, 27.5635, 21.8236
YIQ	126.6220, -44.0550, -33.1030

# Conversions

## Conversions Part 2

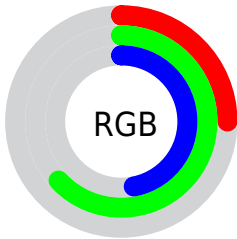
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 125, 160
Decimal	4235383
CIELab	59.49, -38.19, 13.11
CIELCh	59, 40.376, 161.046
Yxy	27.5635, 0.2673, 0.4089
Android (android.graphics.Color)	4282425463 (0xFF40A077)
YUV	126.6220, -3.7576, -54.9195
Hunter-Lab	52.5010, -30.6270, 12.1050

# Details

The Hex color **40A077** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04069**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **78D7AB**, and **006C46** is the 20% darker color. If you saturate the color by 10%, you get **30A070**, and if you desaturate by 10%, it is **50A07E**.

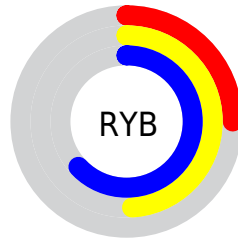
# Distribution



Red (25%)

Green (63%)

Blue (47%)



Red (25%)

Yellow (49%)

Blue (63%)

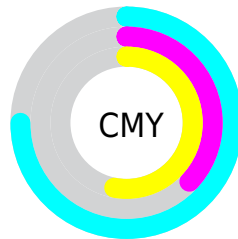


Cyan (60%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (75%)

Magenta (37%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40A077 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 40A077 by changing the saturation by 10% instead.





40A077



40A077

FFFFFF



20855E



78D7AB



006C46



94F4C7



005330



B1FFE3



003B1B



CEFFFF



002601



EBFFFF



000000



40A077



40A077



30A070



50A07E



20A069



60A085

 10A063

 70A08C

 00A05C

 80A092

 90A099

 A0A0A0

 B0A0A7

 C0A0AE

 D0A0B4

# Harmonies

## Analogous

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



729B58



40A077



00A29C

# Triad

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



40A077



6E8ED5



CD7962

# Complementary

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



40A077



A04069

# 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.



D37283



40A077



A481C5

# Square

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



40A077



0A99D2



C576A7



B8854C

# Rectangle

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



40A077



00A1B3



C576A7



D1766D



# Sweetspot

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



40A077



ABD1C1



6AA040



52695F



E8E8E8



696969



# Same Dimension

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



40A077



3BD191



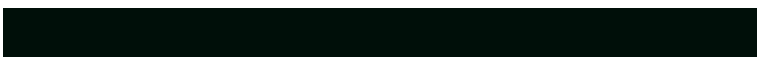
409AA0



474F4C



008F52



000F09



# Inverse Universe

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



A04069



D13B7B



A04640



4F474B



8F003D



0F0007



# Previews

## White Background



This preview shows how the Hex color 40A077 looks on a white background.

## Color Contrast Check

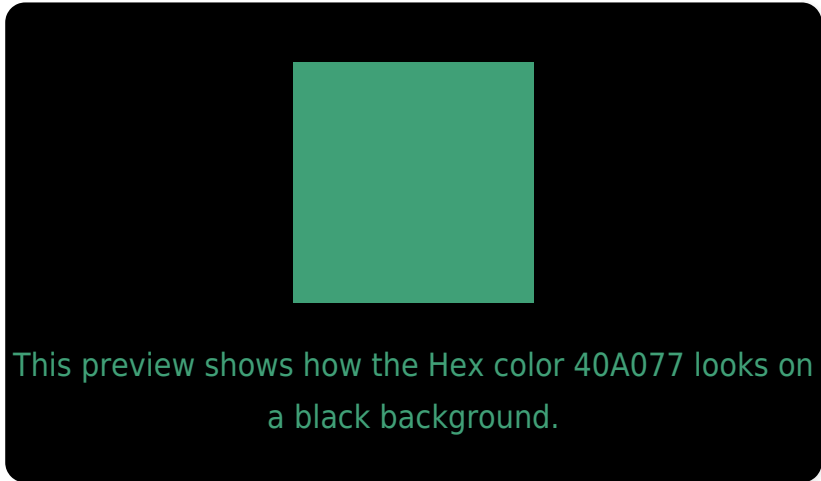
Large Text (above 18pt) WCAG AA ✓ Pass

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

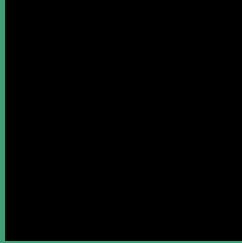
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 40A077 Background



This preview shows how black text looks on a background with the Hex color 40A077.

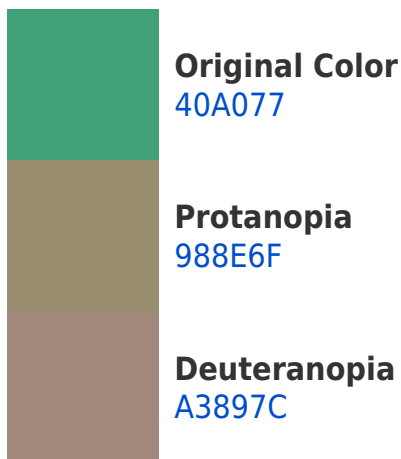


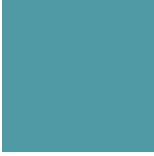
This preview shows how white text looks on a background with the Hex color 40A077.

# 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](#).

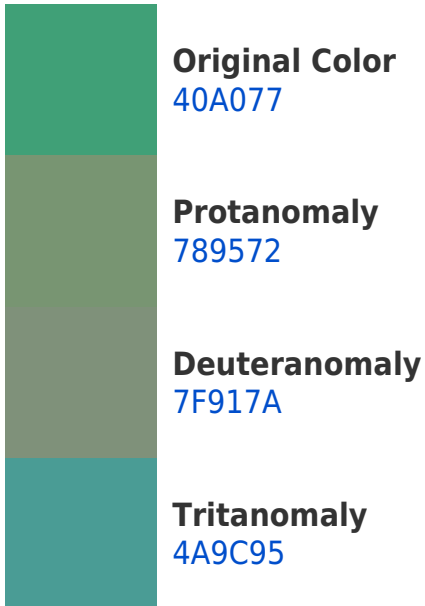
## Dichromacy



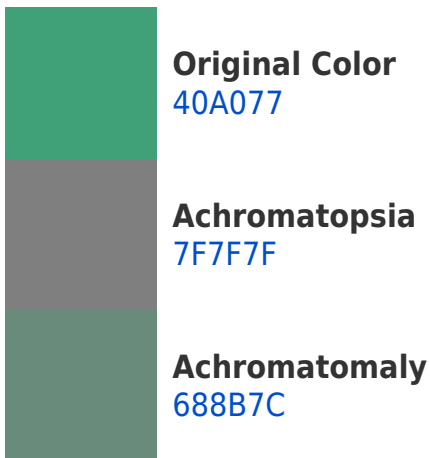


**Tritanopia**  
509AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40A077 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 #40A077 looks like.

```
.text, #text, p{  
    color:#40A077  
}
```

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 #40A077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A077
}
```

## Border

The CSS property to change the border of an element to Hex 40A077 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
#40A077 }
```

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

```
.border{ border-color:#40A077 }
```

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

Here you see how a box with a 4 pixel #40A077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A077; -webkit-box-shadow:4px 4px  
4px 4px #40A077; box-shadow:4px 4px 4px  
4px #40A077 }
```

# Background

The CSS property to change the background color of an element to Hex 40A077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A077 }
```

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

```
.background{ background-color:#40A077 }
```

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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