

Converting Colors

Hex(04A77F)

Have a look what the booklet for
Hex(04A77F) contains.

Hex(04A77F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04A77F)

Conversions

Conversions Part 1

Format	Color
Hex	04A77F
RGB	4, 167, 127
RGB Percent	2%, 65%, 50%
CMY	0.9843, 0.3451, 0.5020
CMYK	0.98, 0.00, 0.24, 0.35
HSL	165°, 95%, 34%
HSV	165°, 98%, 65%
XYZ	17.6996, 29.1956, 24.7811
YIQ	113.7030, -84.3080, -46.9960

Conversions

Conversions Part 2

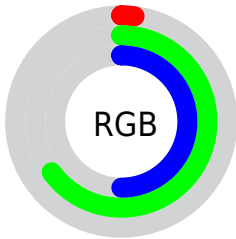
Format	Color
RYB	4, 97, 167
Decimal	305023
CIELab	60.95, -46.17, 10.57
CIELCh	61, 47.366, 167.107
Yxy	29.1956, 0.2469, 0.4073
Android (android.graphics.Color)	4278495103 (0xFF04A77F)
YUV	113.7030, 6.5554, -96.2095
Hunter-Lab	54.0329, -36.0864, 10.6309

Details

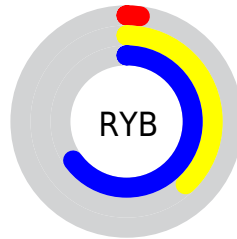
The Hex color **04A77F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A7042C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5CDFB4**, and **00724E** is the 20% darker color. If you saturate the color by 10%, you get **00A77E**, and if you desaturate by 10%, it is **15A783**.

Distribution



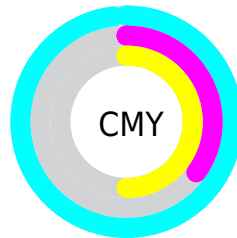
- Red (2%)
- Green (65%)
- Blue (50%)



- Red (2%)
- Yellow (38%)
- Blue (65%)



- Cyan (98%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)



- Cyan (98%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A77F 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 04A77F by changing the saturation by 10% instead.

 04A77F

 04A77F


FFFFFF

 008C66

 5CDFB4

 00724E

 7BFCCF

 005837

 99FFEC

 004022

 B7FFFF

 002A0C

 D4FFFF

 000700

 F3FFFF

 000000

 04A77F

 04A77F

 00A77E

 15A783

 25A787

 36A78B

 47A78F

 57A793

 68A798

 79A79C

 8AA7A0

 9AA7A4

Harmonies

Analogous

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



64A258



04A77F



00A8AA

Triad

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



04A77F



788FE3



D67B57

Complementary

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



04A77F



A7042C

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.



E2707D



04A77F



B47FCC

Square

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



04A77F



009DE4



D772A7



BB8A40

Rectangle

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



04A77F



00A7C4



D772A7



DC7663

Sweetspot

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



04A77F



9AD9C9



2DA704



476E64



EDEDED



6E6E6E

Same Dimension

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



04A77F



00D9A4



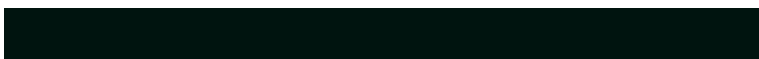
047EA7



4C5452



009470



00140F

Inverse Universe

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



A7042C



D90035



A72D04



544C4E



940024



140005

Previews

White Background



This preview shows how the Hex color 04A77F looks on a white background.

Color Contrast Check

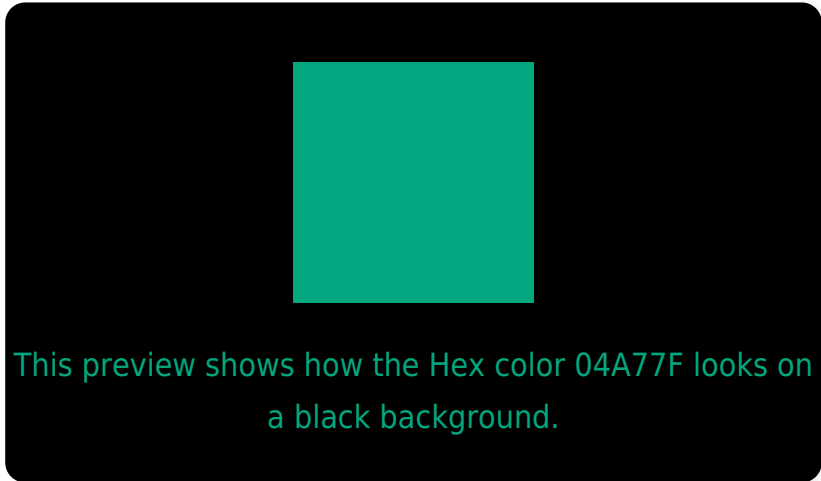
Large Text (above 18pt) WCAG AA ✓ Pass

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 04A77F Background



This preview shows how black text looks on a background with the Hex color 04A77F.

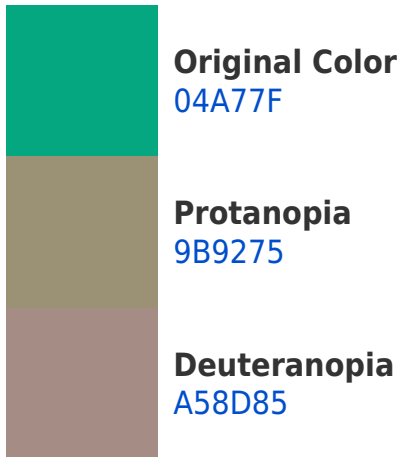


This preview shows how white text looks on a background with the Hex color 04A77F.

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
35A1AE

Trichromacy



Original Color
04A77F



Protanomaly
649A79



Deuteranomaly
6A9683



Tritanomaly
23A39D

Monochromacy



Original Color
04A77F



Achromatopsia
727272



Achromatomaly
4A8577

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A77F 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 #04A77F looks like.

```
.text, #text, p{  
    color:#04A77F  
}
```

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 #04A77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A77F
}
```

Border

The CSS property to change the border of an element to Hex 04A77F 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
#04A77F }
```

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

```
.border{ border-color:#04A77F }
```

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

Here you see how a box with a 4 pixel #04A77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A77F; -webkit-box-shadow:4px 4px  
4px 4px #04A77F; box-shadow:4px 4px 4px  
4px #04A77F }
```

Background

The CSS property to change the background color of an element to Hex 04A77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A77F }
```

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

```
.background{ background-color:#04A77F }
```

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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