

Converting Colors

Hex(00A57D)

Have a look what the booklet for
Hex(00A57D) contains.

Hex(00A57D)	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(00A57D)

Conversions

Conversions Part 1

Format	Color
Hex	00A57D
RGB	0, 165, 125
RGB Percent	0%, 65%, 49%
CMY	1.0000, 0.3529, 0.5098
CMYK	1.00, 0.00, 0.24, 0.35
HSL	165°, 100%, 32%
HSV	165°, 100%, 65%
XYZ	17.1568, 28.3909, 23.9778
YIQ	111.1050, -85.5000, -47.4200

Conversions

Conversions Part 2

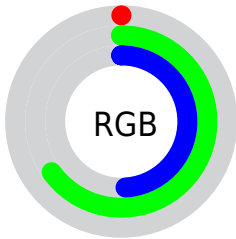
Format	Color
RYB	0, 94, 165
Decimal	42365
CIELab	60.24, -46.05, 10.67
CIELCh	60, 47.266, 166.950
Yxy	28.3909, 0.2468, 0.4084
Android (android.graphics.Color)	4278232445 (0xFF00A57D)
YUV	111.1050, 6.8502, -97.4391
Hunter-Lab	53.2831, -35.7697, 10.6173

Details

The Hex color **00A57D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A50028**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5BDDDB2**, and **00704C** is the 20% darker color. If you saturate the color by 10%, you get **00A57D**, and if you desaturate by 10%, it is **10A581**.

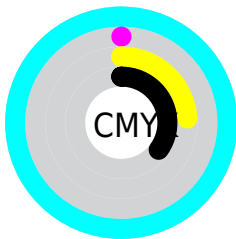
Distribution



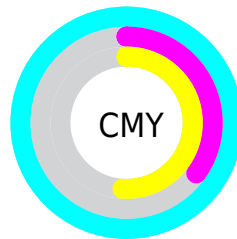
- Red (0%)
- Green (65%)
- Blue (49%)



- Red (0%)
- Yellow (37%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A57D 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 00A57D by changing the saturation by 10% instead.



00A57D



00A57D

FFFFFF



008A64



5BDDB2



00704C



79FACD



005635



97FFE9



003E20



B5FFFF



002909



D3FFFF



000200



F1FFFF



000000



00A57D



10A581

 21A585

 32A589

 42A58D

 52A591

 63A595

 73A599

 84A59D

 94A5A1

Harmonies

Analogous

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



63A056



00A57D



00A6A8

Triad

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



00A57D



758DE1



D47956

Complementary

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



00A57D



A50028

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.



DF6E7B



00A57D



B27DCA

Square

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



00A57D



009BE2



D570A5



B9893E

Rectangle

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



00A57D



00A5C2



D570A5



DA7561

Sweetspot

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



00A57D



96D6C7



29A500



456B62



EBEBEB



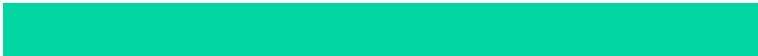
6B6B6B

Same Dimension

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



00A57D



00D6A2



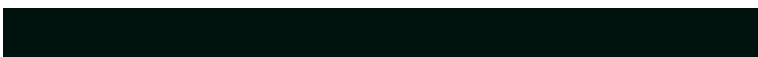
007CA5



495250



00916E



00120E

Inverse Universe

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



A50028



D60034



A52900



52494B



910023



120004

Previews

White Background



This preview shows how the Hex color 00A57D looks on a white background.

Color Contrast Check

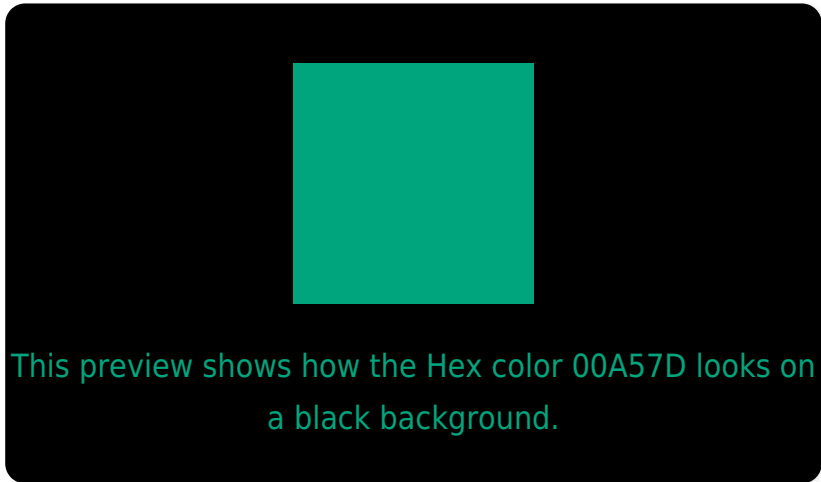
Large Text (above 18pt) WCAG AA ✓ Pass

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

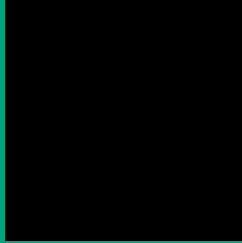
Any Text WCAG AA ✓ Pass

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 00A57D Background



This preview shows how black text looks on a background with the Hex color 00A57D.

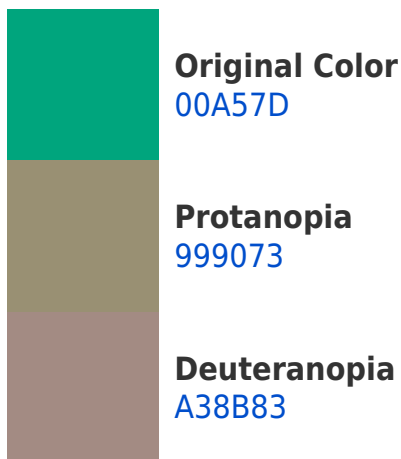


This preview shows how white text looks on a background with the Hex color 00A57D.

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
00A57D



Protanomaly
619877



Deuteranomaly
689481



Tritanomaly
21A19B

Monochromacy



Original Color
00A57D



Achromatopsia
6F6F6F



Achromatomaly
478374

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A57D 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 #00A57D looks like.

```
.text, #text, p{  
    color:#00A57D  
}
```

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 #00A57D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A57D
}
```

Border

The CSS property to change the border of an element to Hex 00A57D 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
#00A57D }
```

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

```
.border{ border-color:#00A57D }
```

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

Here you see how a box with a 4 pixel #00A57D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A57D; -webkit-box-shadow:4px 4px  
4px 4px #00A57D; box-shadow:4px 4px 4px  
4px #00A57D }
```

Background

The CSS property to change the background color of an element to Hex 00A57D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A57D }
```

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

```
.background{ background-color:#00A57D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor