

Converting Colors

Hex(00A57B)

Have a look what the booklet for
Hex(00A57B) contains.

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Color

Hex(00A57B)

Conversions

Conversions Part 1

Format	Color
Hex	00A57B
RGB	0, 165, 123
RGB Percent	0%, 65%, 48%
CMY	1.0000, 0.3529, 0.5176
CMYK	1.00, 0.00, 0.25, 0.35
HSL	165°, 100%, 32%
HSV	165°, 100%, 65%
XYZ	17.0303, 28.3403, 23.3115
YIQ	110.8770, -84.8580, -48.0420

Conversions

Conversions Part 2

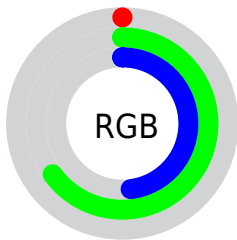
Format	Color
RYB	0, 95, 165
Decimal	42363
CIELab	60.19, -46.55, 11.72
CIELCh	60, 48.000, 165.862
Yxy	28.3403, 0.2480, 0.4126
Android (android.graphics.Color)	4278232443 (0xFF00A57B)
YUV	110.8770, 5.9766, -97.2391
Hunter-Lab	53.2356, -36.0595, 11.3022

Details

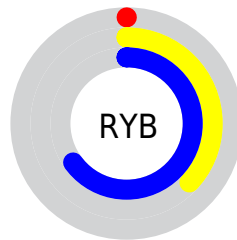
The Hex color **00A57B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A5002A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5BDDB0**, and **00704A** is the 20% darker color. If you saturate the color by 10%, you get **00A57B**, and if you desaturate by 10%, it is **10A57F**.

Distribution



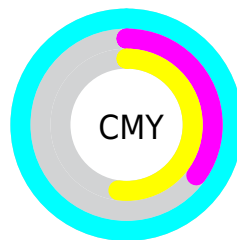
- Red (0%)
- Green (65%)
- Blue (48%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A57B 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 00A57B by changing the saturation by 10% instead.

 00A57B

 00A57B

FFFFFF

 008A62

 5BDDB0

 00704A

 79FACB

 005633

 97FFE7

 003E1E

 B5FFFF

 002907

 D3FFFF

 000100

 F1FFFF

 000000

 00A57B

 10A57F

 21A583

 32A588

 42A58C

 52A590

 63A594

 73A598

 84A59D

 94A5A1

Harmonies

Analogous

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



64A054



00A57B



00A6A7

Triad

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



00A57B



718EE2



D67856

Complementary

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



00A57B



A5002A

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.



E06D7C



00A57B



B17DCC

Square

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



00A57B



009BE3



D56FA7



BA883D

Rectangle

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



00A57B



00A5C1



D56FA7



DB7362

Sweetspot

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



00A57B



96D6C6



2CA500



456B61



EBEBEB



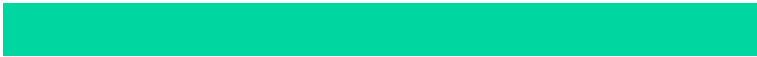
6B6B6B

Same Dimension

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



00A57B



00D6A0



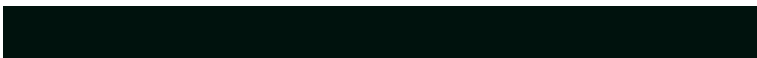
007EA5



495250



00916C



00120D

Inverse Universe

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



A5002A



D60037



A52700



52494C



910025



120005

Previews

White Background



This preview shows how the Hex color 00A57B looks on a white background.

Color Contrast Check

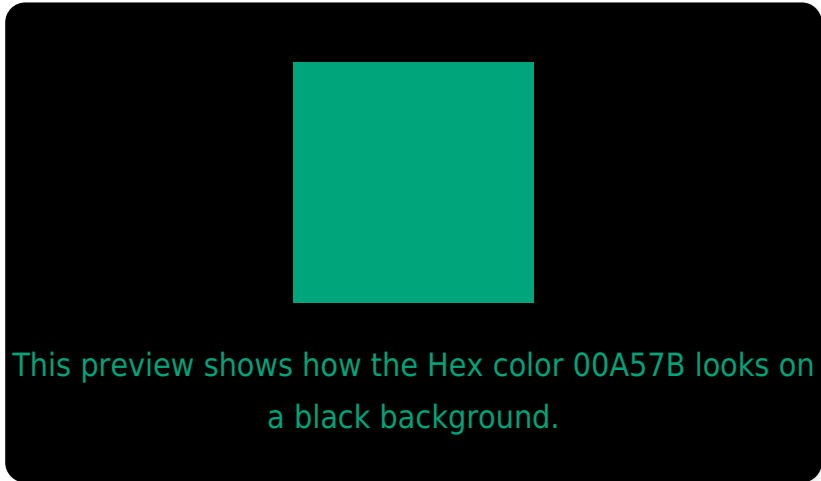
Large Text (above 18pt) WCAG AA ✓ Pass

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

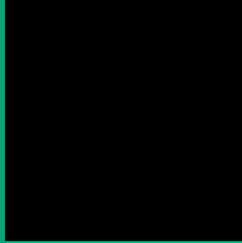
Any Text WCAG AA ✓ Pass

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 00A57B Background



This preview shows how black text looks on a background with the Hex color 00A57B.

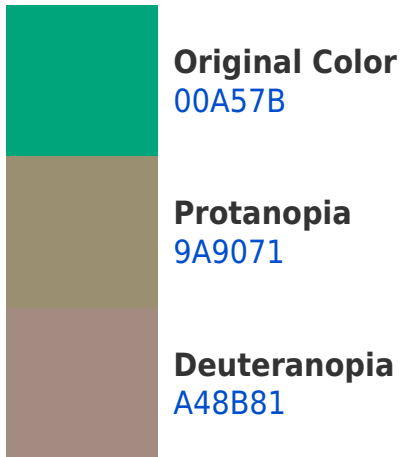


This preview shows how white text looks on a background with the Hex color 00A57B.

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



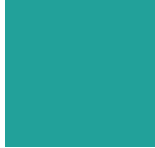
Original Color
00A57B



Protanomaly
629875



Deuteranomaly
68947F



Tritanomaly
22A19A

Monochromacy



Original Color
00A57B



Achromatopsia
6F6F6F



Achromatomaly
478373

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A57B 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 #00A57B looks like.

```
.text, #text, p{  
    color:#00A57B  
}
```

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 #00A57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A57B
}
```

Border

The CSS property to change the border of an element to Hex 00A57B 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
#00A57B }
```

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

```
.border{ border-color:#00A57B }
```

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

Here you see how a box with a 4 pixel #00A57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A57B; -webkit-box-shadow:4px 4px  
4px 4px #00A57B; box-shadow:4px 4px 4px  
4px #00A57B }
```

Background

The CSS property to change the background color of an element to Hex 00A57B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A57B }
```

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

```
.background{ background-color:#00A57B }
```

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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