

Converting Colors

Hex(00A570)

Have a look what the booklet for
Hex(00A570) contains.

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Color

Hex(00A570)

Conversions

Conversions Part 1

Format	Color
Hex	00A570
RGB	0, 165, 112
RGB Percent	0%, 65%, 44%
CMY	1.0000, 0.3529, 0.5608
CMYK	1.00, 0.00, 0.32, 0.35
HSL	161°, 100%, 32%
HSV	161°, 100%, 65%
XYZ	16.3798, 28.0801, 19.8859
YIQ	109.6230, -81.3270, -51.4630

Conversions

Conversions Part 2

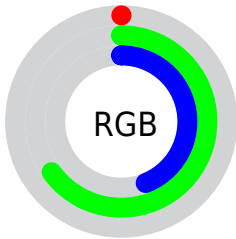
Format	Color
RYB	0, 98, 165
Decimal	42352
CIELab	59.96, -49.17, 17.49
CIELCh	60, 52.193, 160.416
Yxy	28.0801, 0.2546, 0.4364
Android (android.graphics.Color)	4278232432 (0xFF00A570)
YUV	109.6230, 1.1719, -96.1394
Hunter-Lab	52.9907, -37.5582, 14.8436

Details

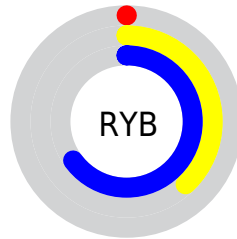
The Hex color **00A570** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A50035**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5ADDA4**, and **007040** is the 20% darker color. If you saturate the color by 10%, you get **00A570**, and if you desaturate by 10%, it is **10A575**.

Distribution



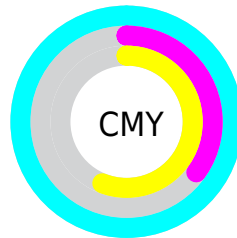
- Red (0%)
- Green (65%)
- Blue (44%)



- Red (0%)
- Yellow (38%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A570 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 00A570 by changing the saturation by 10% instead.

 00A570

 00A570

FFFFFF

 008A57

 5ADDA4

 007040

 79FABF

 005629

 97FFDB

 003E14

 B4FFF8

 002800

 D2FFFF

 000000

 F0FFFF

 00A570

 10A575

 21A57B

 32A580

 42A585

 52A58B

 63A590

 73A595

 84A59A

 94A5A0

Harmonies

Analogous

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



699F47



00A570



00A7A0

Triad

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



00A570



5990EB



DD7257

Complementary

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



00A570



A50035

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.



E56782



00A570



A87ED7

Square

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



00A570



009EE7



D56DB0



C28337

Rectangle

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



00A570



00A6BE



D56DB0



E26D65

Sweetspot

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



00A570



96D6C2



37A500



456B5F



EBEBEB



6B6B6B

Same Dimension

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



00A570



00D691



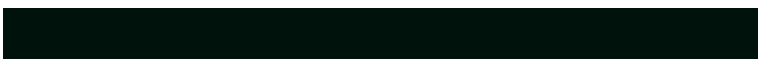
0089A5



49524F



009163



00120C

Inverse Universe

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



A50035



D60045



A51B00



52494C



91002F



120006

Previews

White Background



This preview shows how the Hex color 00A570 looks on a white background.

Color Contrast Check

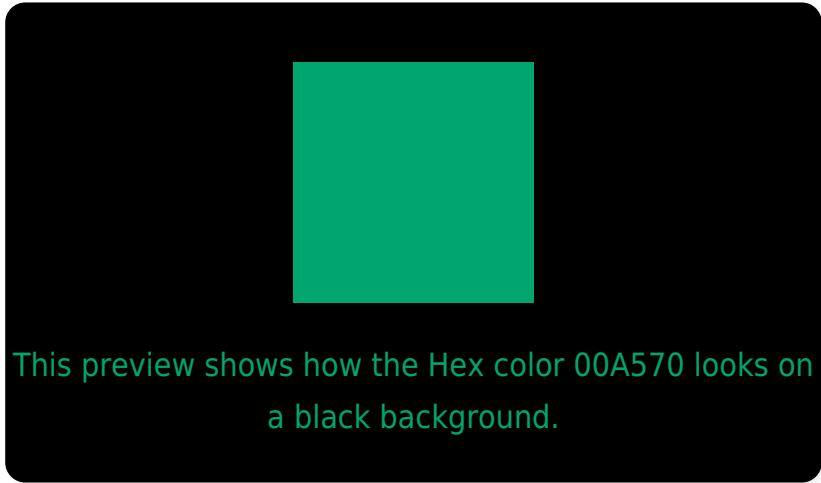
Large Text (above 18pt) WCAG AA ✓ Pass

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

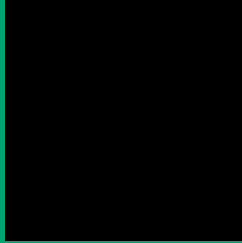
Any Text WCAG AA ✓ Pass

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 00A570 Background



This preview shows how black text looks on a background with the Hex color 00A570.

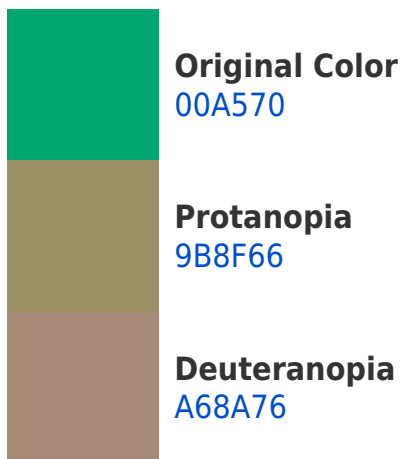


This preview shows how white text looks on a background with the Hex color 00A570.

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
00A570



Protanomaly
63976A



Deuteranomaly
6A9474



Tritanomaly
24A195

Monochromacy



Original Color
00A570



Achromatopsia
6E6E6E



Achromatomaly
46826F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A570 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 #00A570 looks like.

```
.text, #text, p{  
    color:#00A570  
}
```

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 #00A570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A570
}
```

Border

The CSS property to change the border of an element to Hex 00A570 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
#00A570 }
```

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

```
.border{ border-color:#00A570 }
```

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

Here you see how a box with a 4 pixel #00A570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A570; -webkit-box-shadow:4px 4px  
4px 4px #00A570; box-shadow:4px 4px 4px  
4px #00A570 }
```

Background

The CSS property to change the background color of an element to Hex 00A570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A570 }
```

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

```
.background{ background-color:#00A570 }
```

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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