

Converting Colors

Hex(00A566)

Have a look what the booklet for
Hex(00A566) contains.

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Color

Hex(00A566)

Conversions

Conversions Part 1

Format	Color
Hex	00A566
RGB	0, 165, 102
RGB Percent	0%, 65%, 40%
CMY	1.0000, 0.3529, 0.6000
CMYK	1.00, 0.00, 0.38, 0.35
HSL	157°, 100%, 32%
HSV	157°, 100%, 65%
XYZ	15.8534, 27.8696, 17.1142
YIQ	108.4830, -78.1170, -54.5730

Conversions

Conversions Part 2

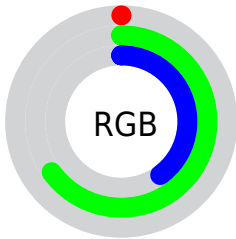
Format	Color
RYB	0, 102, 165
Decimal	42342
CIELab	59.77, -51.37, 22.70
CIElCh	60, 56.160, 156.154
Yxy	27.8696, 0.2606, 0.4581
Android (android.graphics.Color)	4278232422 (0xFF00A566)
YUV	108.4830, -3.1961, -95.1396
Hunter-Lab	52.7916, -38.7816, 17.7333

Details

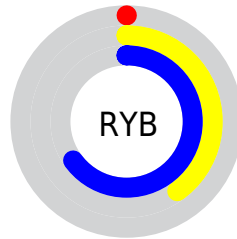
The Hex color **00A566** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A5003F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5ADD99**, and **007036** is the 20% darker color. If you saturate the color by 10%, you get **00A566**, and if you desaturate by 10%, it is **10A56C**.

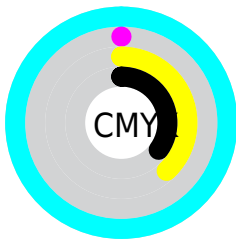
Distribution



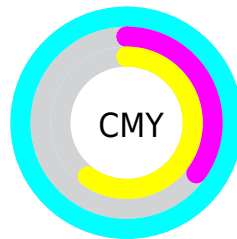
- Red (0%)
- Green (65%)
- Blue (40%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A566 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 00A566 by changing the saturation by 10% instead.

 00A566

 00A566

FFFFFF

 008A4E

 5ADD99

 007036

 79FAB4

 005620

 96FFD0

 003D0A

 B4FFEC

 002700

 D2FFFF

 000000

 F0FFFF

 00A566

 10A56C

 21A573

 32A579

 42A57F

 52A585

 63A58C

 73A592

 84A598

 94A59F

Harmonies

Analogous

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



6D9E3B



00A566



00A899

Triad

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



00A566



3792F2



E46C58

Complementary

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



00A566



A5003F

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.



E96288



00A566



9F7FE0

Square

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



00A566



00A0EA



D46AB9



CA7F33

Rectangle

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



00A566



00A7BA



D46AB9



E96767

Sweetspot

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



00A566



96D6BE



3FA500



456B5C



EBEBEB



6B6B6B

Same Dimension

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



00A566



00D684



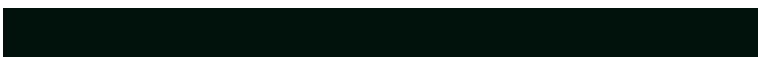
0092A5



49524E



00915A



00120B

Inverse Universe

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



A5003F



D60052



A51300



52494D



910037



120007

Previews

White Background



This preview shows how the Hex color 00A566 looks on a white background.

Color Contrast Check

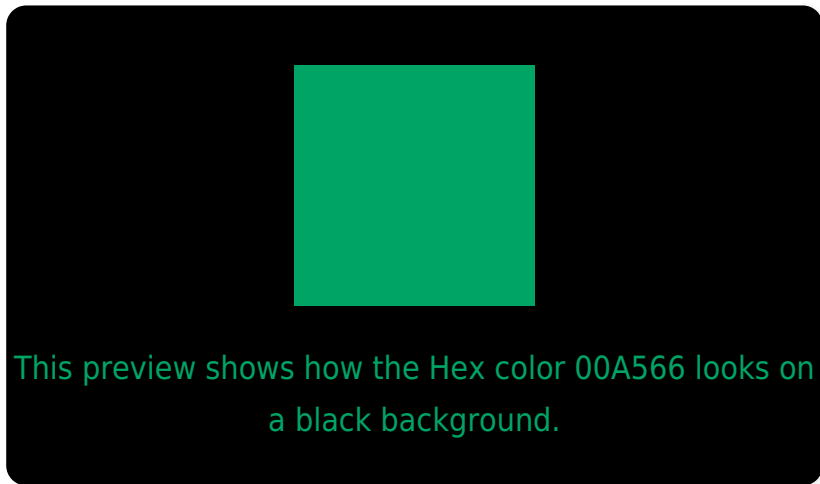
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A566 Background



This preview shows how black text looks on a background with the Hex color 00A566.

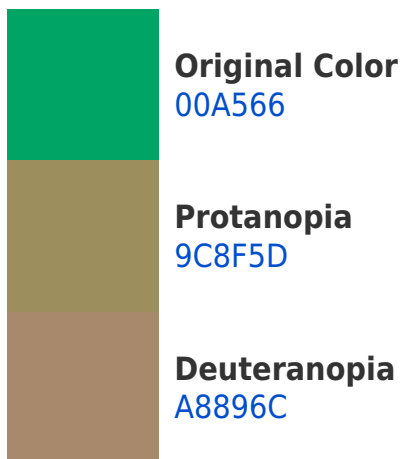


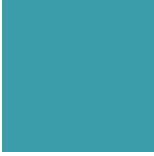
This preview shows how white text looks on a background with the Hex color 00A566.

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
3B9DAA

Trichromacy



Original Color
00A566



Protanomaly
639760



Deuteranomaly
6B936A



Tritanomaly
26A091

Monochromacy



Original Color
00A566



Achromatopsia
6C6C6C



Achromatomaly
45816A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A566 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 #00A566 looks like.

```
.text, #text, p{  
    color:#00A566  
}
```

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 #00A566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A566
}
```

Border

The CSS property to change the border of an element to Hex 00A566 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
#00A566 }
```

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

```
.border{ border-color:#00A566 }
```

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

Here you see how a box with a 4 pixel #00A566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A566; -webkit-box-shadow:4px 4px  
4px 4px #00A566; box-shadow:4px 4px 4px  
4px #00A566 }
```

Background

The CSS property to change the background color of an element to Hex 00A566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A566 }
```

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

```
.background{ background-color:#00A566 }
```

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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