

Converting Colors

Hex(00A567)

Have a look what the booklet for
Hex(00A567) contains.

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Color

Hex(00A567)

Conversions

Conversions Part 1

Format	Color
Hex	00A567
RGB	0, 165, 103
RGB Percent	0%, 65%, 40%
CMY	1.0000, 0.3529, 0.5961
CMYK	1.00, 0.00, 0.38, 0.35
HSL	157°, 100%, 32%
HSV	157°, 100%, 65%
XYZ	15.9033, 27.8895, 17.3770
YIQ	108.5970, -78.4380, -54.2620

Conversions

Conversions Part 2

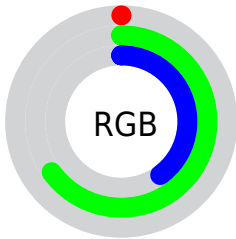
Format	Color
RYB	0, 102, 165
Decimal	42343
CIELab	59.79, -51.16, 22.19
CIELCh	60, 55.760, 156.554
Yxy	27.8895, 0.2600, 0.4559
Android (android.graphics.Color)	4278232423 (0xFF00A567)
YUV	108.5970, -2.7593, -95.2396
Hunter-Lab	52.8105, -38.6651, 17.4584

Details

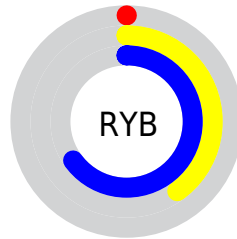
The Hex color **00A567** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A5003E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5ADD9B**, and **007037** is the 20% darker color. If you saturate the color by 10%, you get **00A567**, and if you desaturate by 10%, it is **10A56D**.

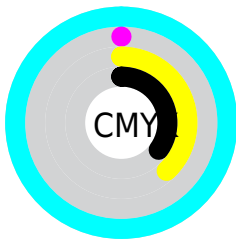
Distribution



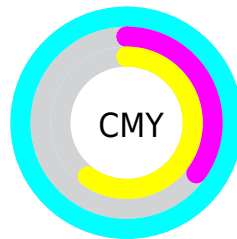
- Red (0%)
- Green (65%)
- Blue (40%)



- 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 00A567 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 00A567 by changing the saturation by 10% instead.

 00A567

 00A567

FFFFFF

 008A4F

 5ADD9B

 007037

 79FAB6

 005621

 96FFD1

 003D0B

 B4FFEE

 002700

 D2FFFF

 000000

 F0FFFF

 00A567

 10A56D

 21A573

 32A57A

 42A580

 52A586

 63A58C

 73A592

 84A599

 94A59F

Harmonies

Analogous

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



6C9E3C



00A567



00A89A

Triad

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



00A567



3B92F2



E36C58

Complementary

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



00A567



A5003E

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.



E96287



00A567



A07EDF

Square

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



00A567



00A0EA



D46BB8



C97F33

Rectangle

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



00A567



00A7BB



D46BB8



E86767

Sweetspot

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



00A567



96D6BE



3FA500



456B5D



EBEBEB



6B6B6B

Same Dimension

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



00A567



00D686



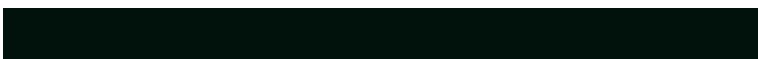
0092A5



49524F



00915B



00120B

Inverse Universe

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



A5003E



D60050



A51300



52494D



910037



120007

Previews

White Background



This preview shows how the Hex color 00A567 looks on a white background.

Color Contrast Check

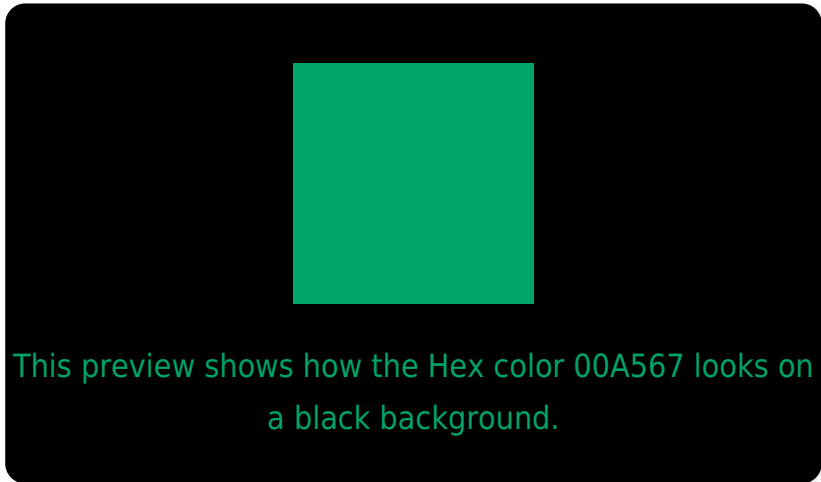
Large Text (above 18pt) WCAG AA ✓ Pass

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

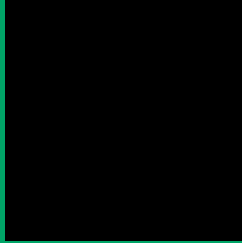
Any Text WCAG AA ✓ Pass

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 00A567 Background



This preview shows how black text looks on a background with the Hex color 00A567.



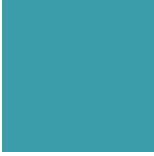
This preview shows how white text looks on a background with the Hex color 00A567.

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



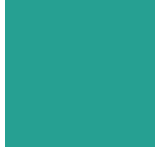
Original Color
00A567



Protanomaly
639761



Deuteranomaly
6B936B



Tritanomaly
26A092

Monochromacy



Original Color
00A567



Achromatopsia
6D6D6D



Achromatomaly
45816B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A567 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 #00A567 looks like.

```
.text, #text, p{  
    color:#00A567  
}
```

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 #00A567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A567
}
```

Border

The CSS property to change the border of an element to Hex 00A567 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
#00A567 }
```

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

```
.border{ border-color:#00A567 }
```

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

Here you see how a box with a 4 pixel #00A567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A567; -webkit-box-shadow:4px 4px  
4px 4px #00A567; box-shadow:4px 4px 4px  
4px #00A567 }
```

Background

The CSS property to change the background color of an element to Hex 00A567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A567 }
```

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

```
.background{ background-color:#00A567 }
```

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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