

Converting Colors

Hex(00A269)

Have a look what the booklet for
Hex(00A269) contains.

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Color

Hex(00A269)

Conversions

Conversions Part 1

Format	Color
Hex	00A269
RGB	0, 162, 105
RGB Percent	0%, 64%, 41%
CMY	1.0000, 0.3647, 0.5882
CMYK	1.00, 0.00, 0.35, 0.36
HSL	159°, 100%, 32%
HSV	159°, 100%, 64%
XYZ	15.4701, 26.8606, 17.7339
YIQ	107.0640, -78.2550, -52.0710

Conversions

Conversions Part 2

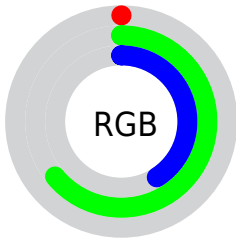
Format	Color
RYB	0, 98, 162
Decimal	41577
CIELab	58.85, -49.61, 19.82
CIELCh	59, 53.426, 158.223
Yxy	26.8606, 0.2576, 0.4472
Android (android.graphics.Color)	4278231657 (0xFF00A269)
YUV	107.0640, -1.0176, -93.8951
Hunter-Lab	51.8272, -37.4163, 15.9916

Details

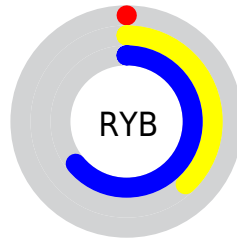
The Hex color **00A269** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A20039**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59DA9D**, and **006D39** is the 20% darker color. If you saturate the color by 10%, you get **00A269**, and if you desaturate by 10%, it is **10A26F**.

Distribution



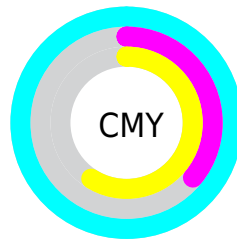
- Red (0%)
- Green (64%)
- Blue (41%)



- Red (0%)
- Yellow (38%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A269 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 00A269 by changing the saturation by 10% instead.



00A269



00A269

FFFFFF



008751



59DA9D



006D39



78F7B8



005423



95FFD3



003B0E



B3FFF0



002500



D1FFFF



000000



FFFFFF



00A269



10A26F

 20A274

 31A27A

 41A280

 51A286

 61A28B

 71A291

 82A297

 92A29C

Harmonies

Analogous

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



699B3F



00A269



00A49A

Triad

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



00A269



498EEA



DD6D56

Complementary

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



00A269



A20039

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.



E36382



00A269



A17CD8

Square

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



00A269



009CE4



D069B1



C27F34

Rectangle

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



00A269



00A4B9



D069B1



E16864

Sweetspot

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



00A269



94D4BD



3BA200



456B5E



EBEBEB



6B6B6B

Same Dimension

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



00A269



00D489



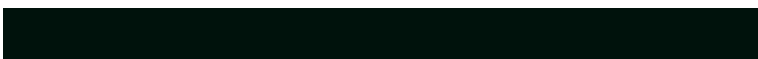
008CA2



49524F



00915E



00120C

Inverse Universe

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



A20039



D4004A



A21600



52494C



910033



120006

Previews

White Background



This preview shows how the Hex color 00A269 looks on a white background.

Color Contrast Check

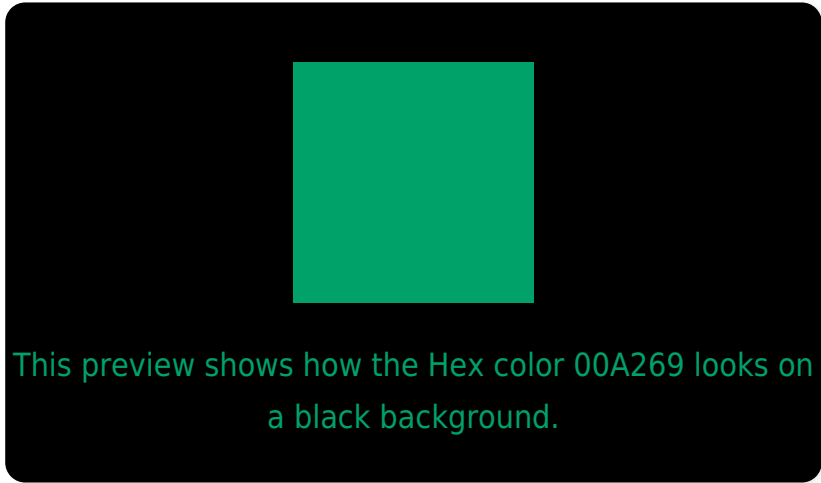
Large Text (above 18pt) WCAG AA ✓ Pass

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

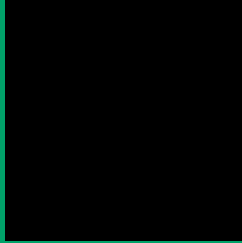
Any Text WCAG AA ✓ Pass

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 00A269 Background



This preview shows how black text looks on a background with the Hex color 00A269.

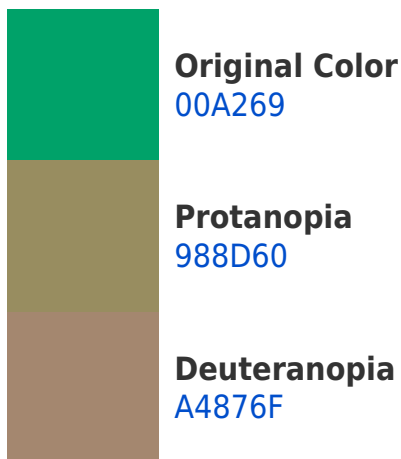


This preview shows how white text looks on a background with the Hex color 00A269.

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
399AA7

Trichromacy



Original Color
00A269



Protanomaly
619563



Deuteranomaly
68916D



Tritanomaly
249D90

Monochromacy



Original Color
00A269



Achromatopsia
6B6B6B



Achromatomaly
447F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A269 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 #00A269 looks like.

```
.text, #text, p{  
    color:#00A269  
}
```

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 #00A269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A269
}
```

Border

The CSS property to change the border of an element to Hex 00A269 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
#00A269 }
```

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

```
.border{ border-color:#00A269 }
```

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

Here you see how a box with a 4 pixel #00A269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A269; -webkit-box-shadow:4px 4px  
4px 4px #00A269; box-shadow:4px 4px 4px  
4px #00A269 }
```

Background

The CSS property to change the background color of an element to Hex 00A269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A269 }
```

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

```
.background{ background-color:#00A269 }
```

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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