

# Converting Colors

Hex(00A361)

Have a look what the booklet for  
Hex(00A361) contains.

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**Color**

**Hex(00A361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00A361
RGB	0, 163, 97
RGB Percent	0%, 64%, 38%
CMY	1.0000, 0.3608, 0.6196
CMYK	1.00, 0.00, 0.40, 0.36
HSL	156°, 100%, 32%
HSV	156°, 100%, 64%
XYZ	15.2549, 27.0575, 15.7279
YIQ	106.7390, -75.9620, -55.0820

# Conversions

## Conversions Part 2

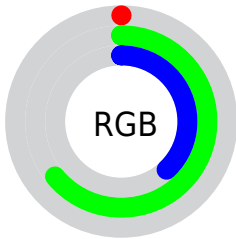
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 102, 163
Decimal	41825
CIELab	59.03, -51.67, 24.42
CIELCh	59, 57.151, 154.705
Yxy	27.0575, 0.2628, 0.4662
Android (android.graphics.Color)	4278231905 (0xFF00A361)
YUV	106.7390, -4.8013, -93.6101
Hunter-Lab	52.0168, -38.6810, 18.4847

# Details

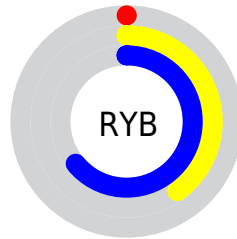
The Hex color **00A361** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A30042**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59DB94**, and **006E31** is the 20% darker color. If you saturate the color by 10%, you get **00A361**, and if you desaturate by 10%, it is **10A368**.

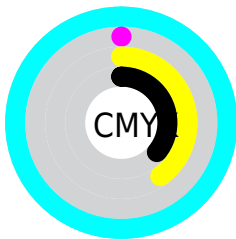
# Distribution



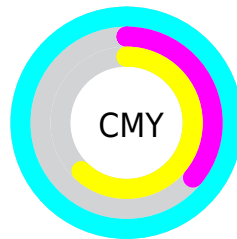
- Red (0%)
- Green (64%)
- Blue (38%)



- Red (0%)
- Yellow (40%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A361 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 00A361 by changing the saturation by 10% instead.



 00A361

 00A361

FFFFFF

 008849

 59DB94

 006E31

 78F8AF

 00541B

 96FFCB

 003C03

 B3FFE7

 002500

 D1FFFF

 000000


 EFFFFFFF

 00A361

 10A368

 21A36E

 31A375

 41A37B

 52A382

 62A389

 72A38F

 82A396

 93A39C

# Harmonies

## Analogous

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



6D9B35



00A361



00A695

# Triad

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



00A361



2191F2



E46858

# Complementary

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



00A361



A30042

# 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.



E85E88



00A361



9A7DE1

# Square

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



00A361



009EE8



D168BA



CA7C30

# Rectangle

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



00A361



00A6B7



D168BA



E86367



# Sweetspot

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



00A361



94D4BA



44A300



456B5B



EBEBEB



6B6B6B



# Same Dimension

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



00A361



00D47E



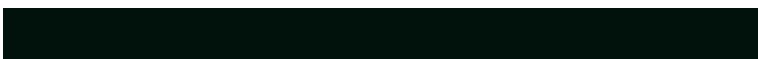
0095A3



49524E



009156



00120B



# Inverse Universe

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



A30042



D40056



A30E00



52494D



91003B



120007



# Previews

## White Background



This preview shows how the Hex color 00A361 looks on a white background.

## Color Contrast Check

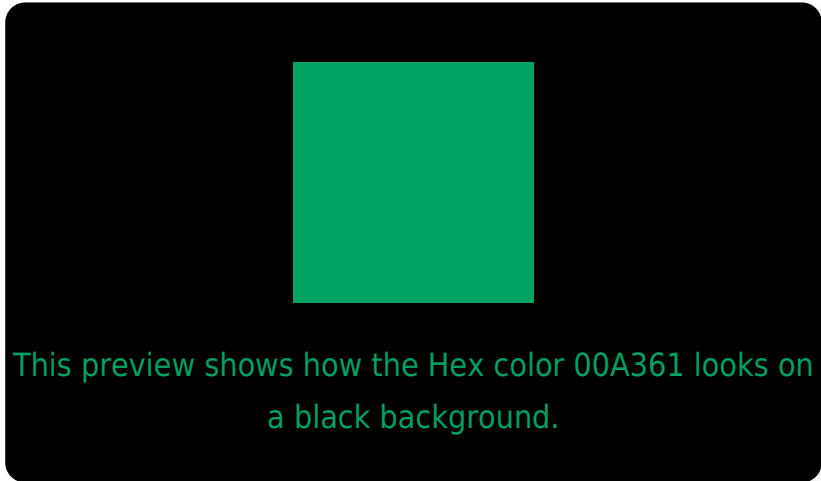
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A361 Background



This preview shows how black text looks on a background with the Hex color 00A361.



This preview shows how white text looks on a background with the Hex color 00A361.

# 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](#).

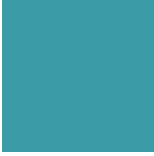
## Dichromacy



**Original Color**  
00A361

**Protanopia**  
9A8D58

**Deuteranopia**  
A78767



**Tritanopia**  
3B9BA7

# Trichromacy



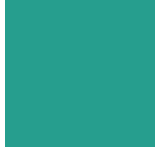
**Original Color**  
00A361



**Protanomaly**  
62955B



**Deuteranomaly**  
6A9165



**Tritanomaly**  
269E8E

# Monochromacy



**Original Color**  
00A361



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
447F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A361 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 #00A361 looks like.

```
.text, #text, p{  
    color:#00A361  
}
```

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 #00A361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A361
}
```

## Border

The CSS property to change the border of an element to Hex 00A361 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
#00A361 }
```

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

```
.border{ border-color:#00A361 }
```

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

Here you see how a box with a 4 pixel #00A361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A361; -webkit-box-shadow:4px 4px  
4px 4px #00A361; box-shadow:4px 4px 4px  
4px #00A361 }
```

# Background

The CSS property to change the background color of an element to Hex 00A361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A361 }
```

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

```
.background{ background-color:#00A361 }
```

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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