

# Converting Colors

Hex(007A27)

Have a look what the booklet for  
Hex(007A27) contains.

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**Color**

**Hex(007A27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007A27
RGB	0, 122, 39
RGB Percent	0%, 48%, 15%
CMY	1.0000, 0.5216, 0.8471
CMYK	1.00, 0.00, 0.68, 0.52
HSL	139°, 100%, 24%
HSV	139°, 100%, 48%
XYZ	7.3257, 14.0656, 4.2483
YIQ	76.0600, -46.0690, -51.6770

# Conversions

## Conversions Part 2

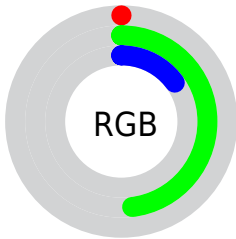
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 122
Decimal	31271
CIELab	44.33, -47.24, 36.18
CIELCh	44, 59.505, 142.557
Yxy	14.0656, 0.2857, 0.5486
Android (android.graphics.Color)	4278221351 (0xFF007A27)
YUV	76.0600, -18.2706, -66.7046
Hunter-Lab	37.5041, -30.7654, 19.5368

# Details

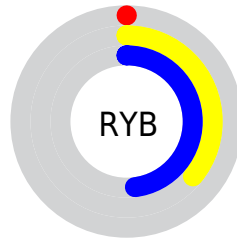
The Hex color **007A27** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A0053**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4EB058**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007A27**, and if you desaturate by 10%, it is **0C7A2F**.

# Distribution



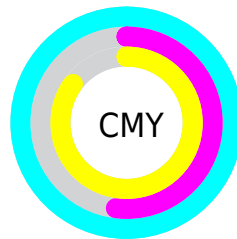
- Red (0%)
- Green (48%)
- Blue (15%)



- Red (0%)
- Yellow (36%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007A27 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 007A27 by changing the saturation by 10% instead.



 007A27

 007A27

FFFFFF

 00600D

 4EB058

 004800

 6ACB71

 003000

 86E88C

 001800

 A3FFA6

 000000

 C0FFC2

 DDFFDE


 FAFFFB

 007A27

 0C7A2F

 187A38

 257A40

 317A48

 3D7A51

 497A59

 557A61

 627A69

 6E7A72

# Harmonies

## Analogous

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



5B7100



007A27



007E5A

# Triad

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



007A27



0073CC



BE3646

# Complementary

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



007A27



7A0053

# 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.



BA3277



007A27



4A61C5

# Square

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



007A27



007CB7



9748A6



AC4D17

# Rectangle

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



007A27



007F7D



9748A6



C03156



# Sweetspot

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



007A27



6F9E7E



537A00



334F3C



CFCFCF



4F4F4F



# Same Dimension

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



007A27



009E33



007A64



373D39



007D28



00FC51



# Inverse Universe

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



7A0053



9E006C



7A0016



3D373B



7D0055



FC00AC



# Previews

## White Background



This preview shows how the Hex color 007A27 looks on a white background.

## Color Contrast Check

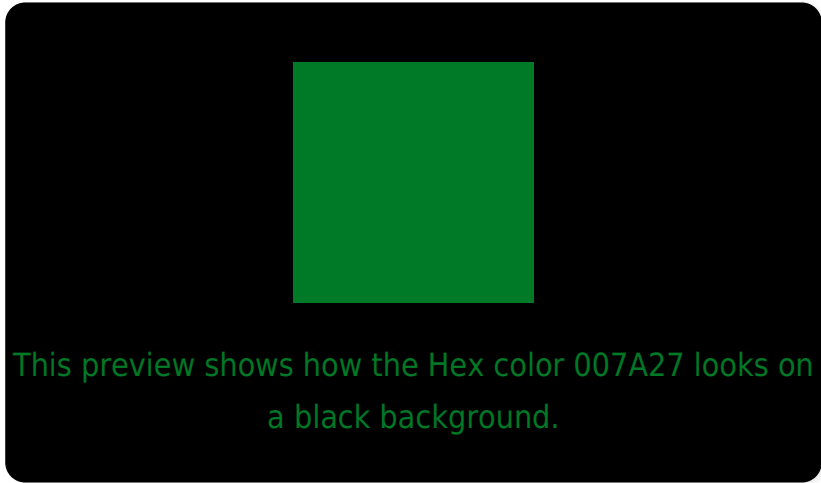
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 007A27 Background



This preview shows how black text looks on a background with the Hex color 007A27.



This preview shows how white text looks on a background with the Hex color 007A27.

# 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**  
007A27

**Protanopia**  
756922

**Deuteranopia**  
81632F



**Tritanopia**  
32727B

# Trichromacy



**Original Color**  
007A27



**Protanomaly**  
4A6F24



**Deuteranomaly**  
526B2C



**Tritanomaly**  
20755C

# Monochromacy



**Original Color**  
007A27



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
305D3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007A27 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 #007A27 looks like.

```
.text, #text, p{  
    color:#007A27  
}
```

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 #007A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A27
}
```

## Border

The CSS property to change the border of an element to Hex 007A27 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
#007A27 }
```

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

```
.border{ border-color:#007A27 }
```

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

Here you see how a box with a 4 pixel #007A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A27; -webkit-box-shadow:4px 4px  
4px 4px #007A27; box-shadow:4px 4px 4px  
4px #007A27 }
```

# Background

The CSS property to change the background color of an element to Hex 007A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A27 }
```

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

```
.background{ background-color:#007A27 }
```

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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