

# Converting Colors

Hex(007F27)

Have a look what the booklet for  
Hex(007F27) contains.

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**Color**

**Hex(007F27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007F27
RGB	0, 127, 39
RGB Percent	0%, 50%, 15%
CMY	1.0000, 0.5020, 0.8471
CMYK	1.00, 0.00, 0.69, 0.50
HSL	138°, 100%, 25%
HSV	138°, 100%, 50%
XYZ	7.9556, 15.3252, 4.4582
YIQ	78.9950, -47.4440, -54.2920

# Conversions

## Conversions Part 2

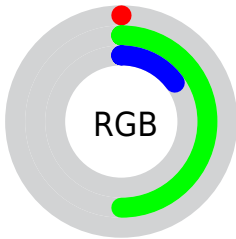
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 127
Decimal	32551
CIELab	46.08, -48.85, 38.09
CIELCh	46, 61.952, 142.054
Yxy	15.3252, 0.2868, 0.5525
Android (android.graphics.Color)	4278222631 (0xFF007F27)
YUV	78.9950, -19.7175, -69.2786
Hunter-Lab	39.1474, -32.2331, 20.6511

# Details

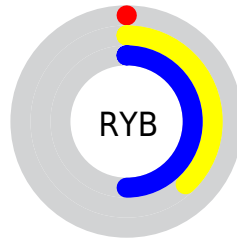
The Hex color **007F27** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7F0058**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4FB559**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **007F27**, and if you desaturate by 10%, it is **0D7F30**.

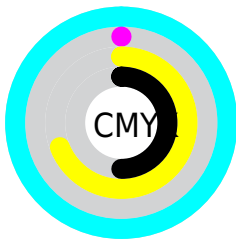
# Distribution



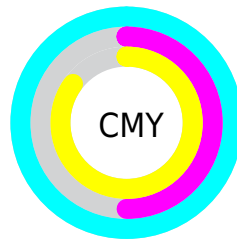
- Red (0%)
- Green (50%)
- Blue (15%)



- Red (0%)
- Yellow (38%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007F27 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 007F27 by changing the saturation by 10% instead.



 007F27

 007F27

FFFFFF

 00650C

 4FB559

 004C00

 6CD172

 003400

 89EE8C

 001D00

 A5FFA7

 000000

 C2FFC3

 E0FFDF

 FDFFFC

 007F27

 0D7F30

 197F39

 267F41

 337F4A

 407F53

 4C7F5C

 597F65

 667F6D

 727F76

# Harmonies

## Analogous

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



5F7600



007F27



00835D

# Triad

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



007F27



0078D5



C7374A

# Complementary

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



007F27



7F0058

# 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.



C2347D



007F27



4A65CE

# Square

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



007F27



0081BF



9D4CAE



B44F18

# Rectangle

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



007F27



008481



9D4CAE



C8325B



# Sweetspot

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



007F27



74A683



597F00



36543F



D4D4D4



545454



# Same Dimension

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



007F27



00A633



007F66



39403B



008027



000000



# Inverse Universe

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



7F0058



A60073



7F0019



40393E



800058



000000



# Previews

## White Background



This preview shows how the Hex color 007F27 looks on a white background.

## Color Contrast Check

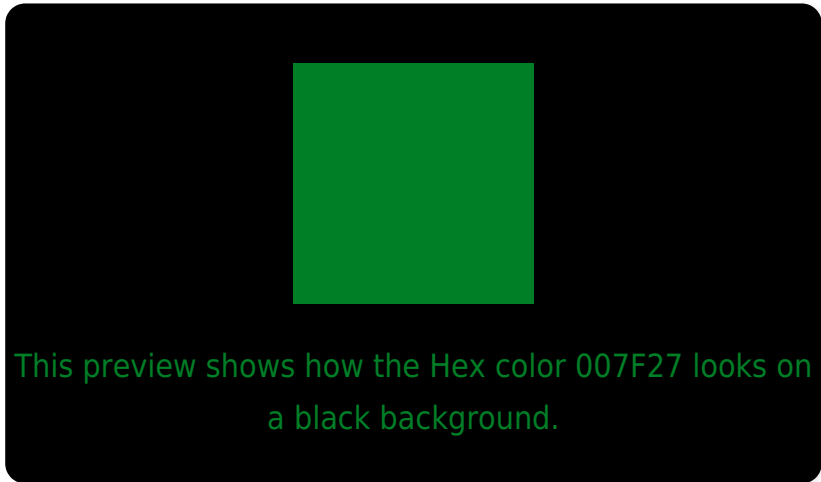
Large Text (above 18pt) WCAG AA ✓ Pass

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 007F27 Background



This preview shows how black text looks on a background with the Hex color 007F27.



This preview shows how white text looks on a background with the Hex color 007F27.

# 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**  
007F27

**Protanopia**  
7A6D22

**Deuteranopia**  
87672F



**Tritanopia**  
347780

# Trichromacy



**Original Color**  
00F27



**Protanomaly**  
4E7424



**Deuteranomaly**  
56702C



**Tritanomaly**  
217A60

# Monochromacy



**Original Color**  
00F27



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
326040

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007F27 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 #007F27 looks like.

```
.text, #text, p{  
    color:#007F27  
}
```

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 #007F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F27  
}
```

## Border

The CSS property to change the border of an element to Hex 007F27 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  
#007F27 }
```

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

```
.border{ border-color:#007F27 }
```

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

Here you see how a box with a 4 pixel #007F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F27; -webkit-box-shadow:4px 4px  
4px 4px #007F27; box-shadow:4px 4px 4px  
4px #007F27 }
```

# Background

The CSS property to change the background color of an element to Hex 007F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F27 }
```

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

```
.background{ background-color:#007F27 }
```

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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