

# Converting Colors

Hex(007C27)

Have a look what the booklet for  
Hex(007C27) contains.

<b>Hex(007C27)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(007C27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007C27
RGB	0, 124, 39
RGB Percent	0%, 49%, 15%
CMY	1.0000, 0.5137, 0.8471
CMYK	1.00, 0.00, 0.69, 0.51
HSL	139°, 100%, 24%
HSV	139°, 100%, 49%
XYZ	7.5739, 14.5618, 4.3310
YIQ	77.2340, -46.6190, -52.7230

# Conversions

## Conversions Part 2

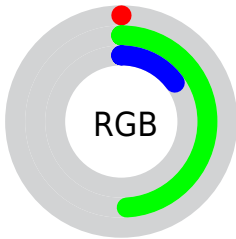
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 124
Decimal	31783
CIELab	45.03, -47.89, 36.95
CIELCh	45, 60.488, 142.349
Yxy	14.5618, 0.2862, 0.5502
Android (android.graphics.Color)	4278221863 (0xFF007C27)
YUV	77.2340, -18.8494, -67.7342
Hunter-Lab	38.1599, -31.3517, 19.9828

# Details

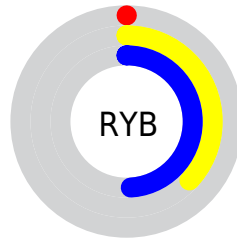
The Hex color **007C27** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C0055**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4EB258**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **007C27**, and if you desaturate by 10%, it is **0C7C2F**.

# Distribution



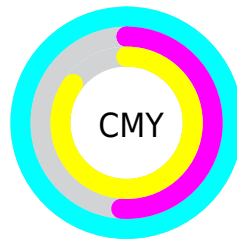
- Red (0%)
- Green (49%)
- Blue (15%)



- Red (0%)
- Yellow (37%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007C27 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 007C27 by changing the saturation by 10% instead.



 007C27

 007C27

FFFFFF

 00620D

 4EB258

 004900

 6BCE72

 003200

 87EA8C

 001A00

 A4FFA7

 000000

 C1FFC2

 DEFFDF

 FCFFFC

 007C27

 0C7C2F

 197C38

 257C41

 327C49

 3E7C52

 4A7C5A

 577C62

 637C6B

 707C73

# Harmonies

## Analogous

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



5D7300



007C27



00805C

# Triad

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



007C27



0075CF



C23648

# Complementary

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



007C27



7C0055

# 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.



BD337A



007C27



4A63C9

# Square

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



007C27



007EBA



9A4AA9



AF4E17

# Rectangle

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



007C27



00817F



9A4AA9



C33158



# Sweetspot

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



007C27



70A180



577C00



34523D



D1D1D1



525252



# Same Dimension

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



007C27



00A133



007C63



373D39



007D27



00FC4F



# Inverse Universe

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



7C0055



A1006E



7C0019



3D373B



7D0056



FC00AD



# Previews

## White Background



This preview shows how the Hex color 007C27 looks on a white background.

## Color Contrast Check

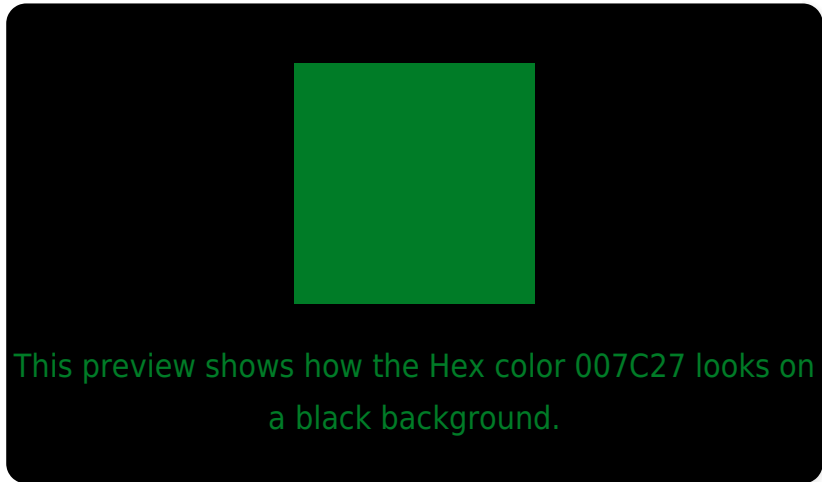
Large Text (above 18pt) WCAG AA ✓ Pass

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 007C27 Background



This preview shows how black text looks on a background with the Hex color 007C27.



This preview shows how white text looks on a background with the Hex color 007C27.

# 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**  
007C27

**Protanopia**  
776A22

**Deuteranopia**  
84652F



**Tritanopia**  
32747D

# Trichromacy



**Original Color**  
007C27



**Protanomaly**  
4C7124



**Deuteranomaly**  
546D2C



**Tritanomaly**  
20775E

# Monochromacy



**Original Color**  
007C27



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
315E3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007C27 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 #007C27 looks like.

```
.text, #text, p{  
    color:#007C27  
}
```

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 #007C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C27
}
```

## Border

The CSS property to change the border of an element to Hex 007C27 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
#007C27 }
```

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

```
.border{ border-color:#007C27 }
```

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

Here you see how a box with a 4 pixel #007C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C27; -webkit-box-shadow:4px 4px  
4px 4px #007C27; box-shadow:4px 4px 4px  
4px #007C27 }
```

# Background

The CSS property to change the background color of an element to Hex 007C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C27 }
```

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

```
.background{ background-color:#007C27 }
```

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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