

# Converting Colors

Hex(007F2C)

Have a look what the booklet for  
Hex(007F2C) contains.

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# Color

Hex(007F2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	007F2C
RGB	0, 127, 44
RGB Percent	0%, 50%, 17%
CMY	1.0000, 0.5020, 0.8275
CMYK	1.00, 0.00, 0.65, 0.50
HSL	141°, 100%, 25%
HSV	141°, 100%, 50%
XYZ	8.0440, 15.3606, 4.9238
YIQ	79.5650, -49.0490, -52.7370

# Conversions

## Conversions Part 2

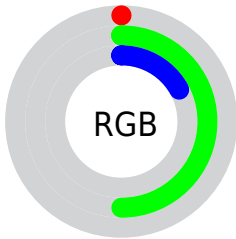
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 94, 127</a>
Decimal	<a href="#">32556</a>
CIELab	<a href="#">46.12, -48.25, 35.86</a>
CIELCh	<a href="#">46, 60.117, 143.384</a>
Yxy	<a href="#">15.3606, 0.2840, 0.5422</a>
Android (android.graphics.Color)	<a href="#">4278222636 (0xFF007F2C)</a>
YUV	<a href="#">79.5650, -17.5335, -69.7785</a>
Hunter-Lab	<a href="#">39.1926, -31.9512, 19.9862</a>

# Details

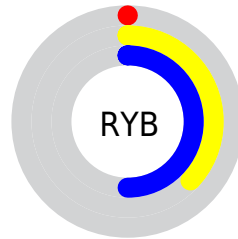
The Hex color **007F2C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7F0053**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4FB55D**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **007F2C**, and if you desaturate by 10%, it is **0D7F34**.

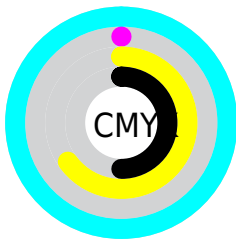
# Distribution



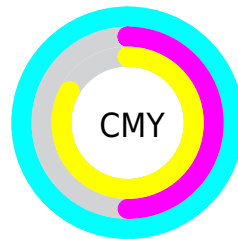
- Red (0%)
- Green (50%)
- Blue (17%)



- Red (0%)
- Yellow (37%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007F2C 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 007F2C by changing the saturation by 10% instead.



 007F2C

 007F2C

FFFFFF


 006513

 4FB55D

 004C00

 6CD177

 003400

 88EE91

 001E00

 A5FFAC

 000000

 C2FFC8

 DFFFE4

 FDFFFF

 007F2C

 0D7F34

 197F3D

 267F45

 337F4D

 407F56

 4C7F5E

 597F66

 667F6E

 727F77

# Harmonies

## Analogous

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



5E7600



007F2C



008360

# Triad

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



007F2C



0077D2



C43B49

# Complementary

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



007F2C



7F0053

# 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.



C0377B



007F2C



5265CB

# Square

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



007F2C



0080BE



9E4CAA



B15119

# Rectangle

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



007F2C



008483



9E4CAA



C63659



# Sweetspot

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



007F2C



74A685



557F00



365440



D4D4D4



545454



# Same Dimension

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



007F2C



00A639



007F6A



39403C



00802C



000000



# Inverse Universe

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



7F0053



A6006C



7F0015



40393E



800053



000000



# Previews

## White Background



This preview shows how the Hex color 007F2C looks on a white background.

## Color Contrast Check

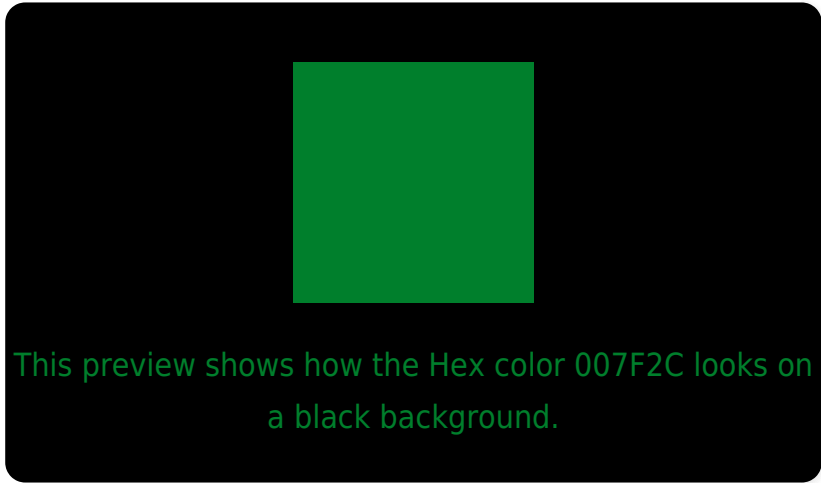
Large Text (above 18pt) WCAG AA ✓ Pass

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 007F2C Background



This preview shows how black text looks on a background with the Hex color 007F2C.



This preview shows how white text looks on a background with the Hex color 007F2C.

# 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**  
007F2C

**Protanopia**  
7A6D27

**Deuteranopia**  
866833



**Tritanopia**  
337780

# Trichromacy



**Original Color**  
00F2C



**Protanomaly**  
4E7429



**Deuteranomaly**  
557030



**Tritanomaly**  
207A61

# Monochromacy



**Original Color**  
00F2C



**Achromatopsia**  
505050



**Achromatomaly**  
336143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007F2C 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 #007F2C looks like.

```
.text, #text, p{  
    color:#007F2C  
}
```

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 #007F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F2C
}
```

## Border

The CSS property to change the border of an element to Hex 007F2C 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".

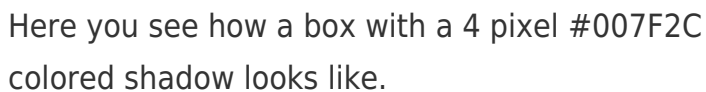
```
.border, #border, table{ border:4px solid
#007F2C }
```

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

```
.border{ border-color:#007F2C }
```

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

Here you see how a box with a 4 pixel #007F2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F2C; -webkit-box-shadow:4px 4px  
4px 4px #007F2C; box-shadow:4px 4px 4px  
4px #007F2C }
```

# Background

The CSS property to change the background color of an element to Hex 007F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F2C }
```

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

```
.background{ background-color:#007F2C }
```

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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