

# Converting Colors

Hex(0F7619)

Have a look what the booklet for  
Hex(0F7619) contains.

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**Color**

**Hex(0F7619)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F7619
RGB	15, 118, 25
RGB Percent	6%, 46%, 10%
CMY	0.9412, 0.5373, 0.9020
CMYK	0.87, 0.00, 0.79, 0.54
HSL	126°, 77%, 26%
HSV	126°, 87%, 46%
XYZ	6.8509, 13.1286, 3.0927
YIQ	76.6010, -31.5350, -50.7590

# Conversions

## Conversions Part 2

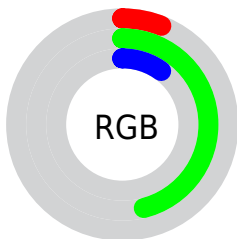
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 109, 118
Decimal	1013273
CIE <sub>Lab</sub>	42.96, -46.04, 40.63
CIE <sub>LCh</sub>	43, 61.400, 138.573
Yxy	13.1286, 0.2969, 0.5690
Android (android.graphics.Color)	4279203353 (0xFF0F7619)
YUV	76.6010, -25.4393, -54.0241
Hunter-Lab	36.2334, -29.6583, 20.3027

# Details

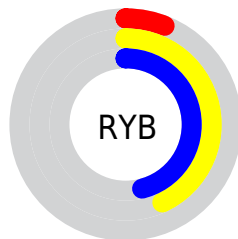
The Hex color **0F7619** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **760F6C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **52AB4C**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **03760E**, and if you desaturate by 10%, it is **1B7624**.

# Distribution



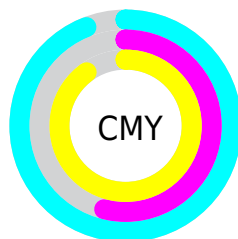
- Red (6%)
- Green (46%)
- Blue (10%)



- Red (6%)
- Yellow (43%)
- Blue (46%)



- Cyan (87%)
- Magenta (0%)
- Yellow (79%)
- Black (54%)



- Cyan (94%)
- Magenta (54%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F7619 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 0F7619 by changing the saturation by 10% instead.



 0F7619

 0F7619

FFFFFF

 005D00

 52AB4C

 004400

 6EC765

 002E00

 8AE37F

 001200

 A6FF9A

 000000

 C3FFB5

 E0FFD1

 FEFEE

 0F7619

 0F7619

■ 03760E

■ 1B7624

■ 00760B

■ 27762E

■ 327639

■ 3E7644

■ 4A764E

■ 567659

■ 627664

■ 6D766E

■ 797679

# Harmonies

## Analogous

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



5D6D00



0F7619



007B50

# Triad

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



0F7619



0071CA



BD2C48

# Complementary

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



0F7619



760F6C

# 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.



B52D7B



0F7619



2D61C7

# Square

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



0F7619



0079B1



8E47A9



AD4417

# Rectangle

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



0F7619



007C73



8E47A9



BE2859



# Sweetspot

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



0F7619



719975



6D760F



354D37



CCCCCC



4D4D4D



# Same Dimension

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



0F7619



00990F



0F764B



353B35



007A0C



00FA18



# Inverse Universe

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



760F6C



99008A



760F3A



3B353A



7A006F

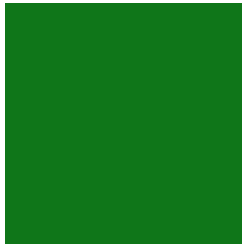


FA00E2



# Previews

## White Background



This preview shows how the Hex color 0F7619 looks on a white background.

## Color Contrast Check

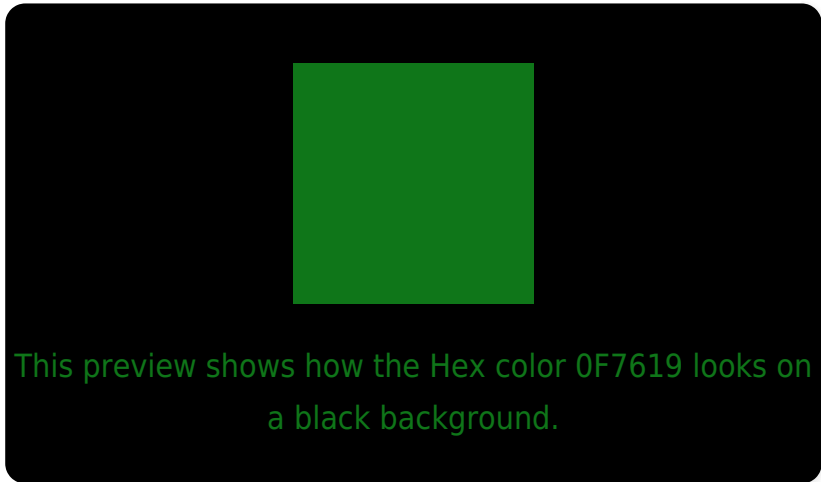
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F7619 Background



This preview shows how black text looks on a background with the Hex color 0F7619.



This preview shows how white text looks on a background with the Hex color 0F7619.

# 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**  
0F7619

**Protanopia**  
726515

**Deuteranopia**  
7E6023



**Tritanopia**  
336E77

# Trichromacy



**Original Color**  
0F7619



**Protanomaly**  
4E6B16



**Deuteranomaly**  
56681F



**Tritanomaly**  
267155

# Monochromacy



**Original Color**  
0F7619



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
365C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F7619 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 #0F7619 looks like.

```
.text, #text, p{  
    color:#0F7619  
}
```

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 #0F7619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7619
}
```

## Border

The CSS property to change the border of an element to Hex 0F7619 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".

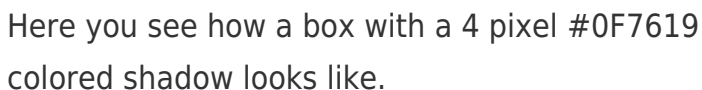
```
.border, #border, table{ border:4px solid
#0F7619 }
```

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

```
.border{ border-color:#0F7619 }
```

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

Here you see how a box with a 4 pixel #0F7619 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7619; -webkit-box-shadow:4px 4px  
4px 4px #0F7619; box-shadow:4px 4px 4px  
4px #0F7619 }
```

# Background

The CSS property to change the background color of an element to Hex 0F7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7619 }
```

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

```
.background{ background-color:#0F7619 }
```

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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