

Converting Colors

Hex(0D7019)

Have a look what the booklet for
Hex(0D7019) contains.

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Color

Hex(0D7019)

Conversions

Conversions Part 1

Format	Color
Hex	0D7019
RGB	13, 112, 25
RGB Percent	5%, 44%, 10%
CMY	0.9490, 0.5608, 0.9020
CMYK	0.88, 0.00, 0.78, 0.56
HSL	127°, 79%, 25%
HSV	127°, 88%, 44%
XYZ	6.1356, 11.7441, 2.8632
YIQ	72.4810, -31.0770, -48.0450

Conversions

Conversions Part 2

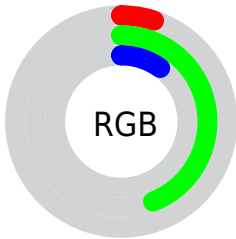
Format	Color
RYB	13, 101, 112
Decimal	880665
CIELab	40.81, -44.28, 38.47
CIELCh	41, 58.657, 139.018
Yxy	11.7441, 0.2958, 0.5662
Android (android.graphics.Color)	4279070745 (0xFF0D7019)
YUV	72.4810, -23.4081, -52.1648
Hunter-Lab	34.2697, -28.0134, 19.0352

Details

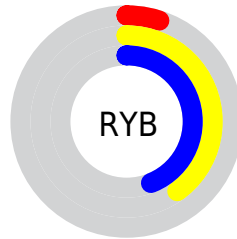
The Hex color **0D7019** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **700D64**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4FA54B**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **02700F**, and if you desaturate by 10%, it is **187023**.

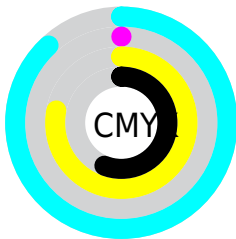
Distribution



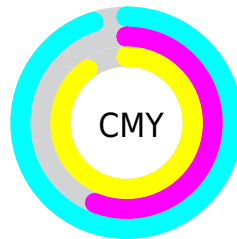
- Red (5%)
- Green (44%)
- Blue (10%)



- Red (5%)
- Yellow (40%)
- Blue (44%)



- Cyan (88%)
- Magenta (0%)
- Yellow (78%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7019 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 0D7019 by changing the saturation by 10% instead.

 0D7019

 0D7019

FFFFFF

 005700

 4FA54B

 003E00

 6BC064

 002900

 87DD7E

 000600

 A3F998

 000000

 BFFFB4

 DCFFD0

 FAF FEC

 0D7019

 0D7019

■ 02700F

■ 187023

■ 00700E

■ 23702D

■ 2F7037

■ 3A7040

■ 45704A

■ 507054

■ 5B705E

■ 677068

■ 727072

Harmonies

Analogous

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



586700



0D7019



00744C

Triad

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



0D7019



006BBF



B42A44

Complementary

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



0D7019



700D64

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.



AC2B74



0D7019



2E5BBC

Square

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



0D7019



0073A8



8743A0



A44116

Rectangle

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



0D7019



00756E



8743A0



B42654

Sweetspot

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



0D7019



6A916F



64700D



324A35



C9C9C9



4A4A4A

Same Dimension

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



0D7019



009112



0D704A



323833



00780F



00F71E

Inverse Universe

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



700D64



910080



700D33



383237



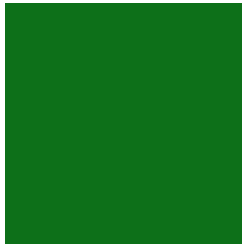
780069



F700D9

Previews

White Background



This preview shows how the Hex color 0D7019 looks on a white background.

Color Contrast Check

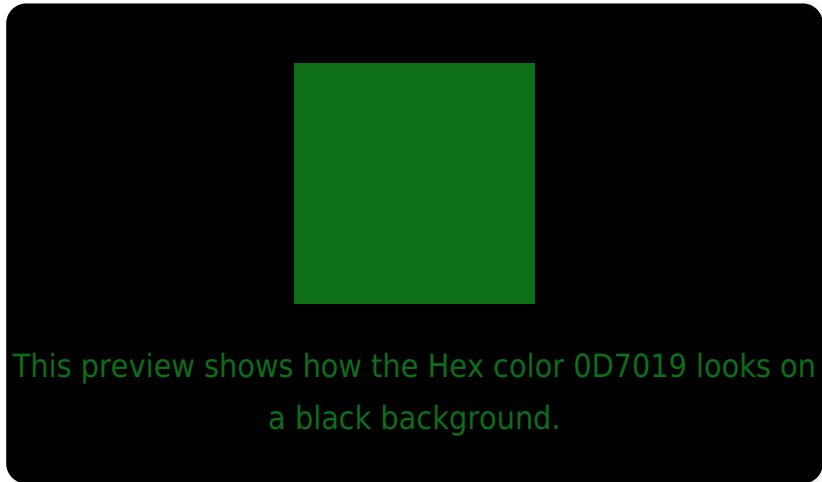
Large Text (above 18pt) WCAG AA ✓ Pass

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

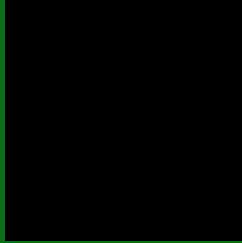
Any Text WCAG AA × Fail

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 0D7019 Background



This preview shows how black text looks on a background with the Hex color 0D7019.



This preview shows how white text looks on a background with the Hex color 0D7019.

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
0D7019

Protanopia
6C6015

Deuteranopia
785B22



Tritanopia
306871

Trichromacy



Original Color
0D7019



Protanomaly
496616



Deuteranomaly
51631F



Tritanomaly
236B51

Monochromacy



Original Color
0D7019



Achromatopsia
484848



Achromatomaly
335737

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7019 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 #0D7019 looks like.

```
.text, #text, p{  
    color:#0D7019  
}
```

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 #0D7019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7019
}
```

Border

The CSS property to change the border of an element to Hex 0D7019 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".

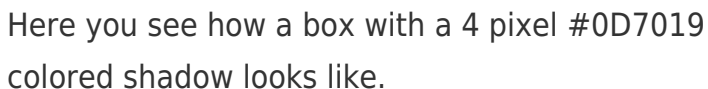
```
.border, #border, table{ border:4px solid
#0D7019 }
```

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

```
.border{ border-color:#0D7019 }
```

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

Here you see how a box with a 4 pixel #0D7019 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7019; -webkit-box-shadow:4px 4px  
4px 4px #0D7019; box-shadow:4px 4px 4px  
4px #0D7019 }
```

Background

The CSS property to change the background color of an element to Hex 0D7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7019 }
```

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

```
.background{ background-color:#0D7019 }
```

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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