

Converting Colors

Hex(00691D)

Have a look what the booklet for
Hex(00691D) contains.

Hex(00691D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00691D)

Conversions

Conversions Part 1

Format	Color
Hex	00691D
RGB	0, 105, 29
RGB Percent	0%, 41%, 11%
CMY	1.0000, 0.5882, 0.8863
CMYK	1.00, 0.00, 0.72, 0.59
HSL	137°, 100%, 21%
HSV	137°, 100%, 41%
XYZ	5.2733, 10.1919, 2.8517
YIQ	64.9410, -38.1840, -45.8960

Conversions

Conversions Part 2

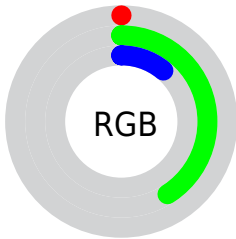
Format	Color
RYB	0, 82, 105
Decimal	26909
CIELab	38.18, -42.85, 34.03
CIELCh	38, 54.720, 141.549
Yxy	10.1919, 0.2879, 0.5564
Android (android.graphics.Color)	4278216989 (0xFF00691D)
YUV	64.9410, -17.7189, -56.9533
Hunter-Lab	31.9247, -26.3834, 17.0512

Details

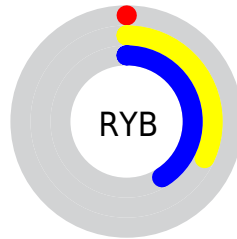
The Hex color **00691D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **69004C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **489D4D**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **00691D**, and if you desaturate by 10%, it is **0A6925**.

Distribution



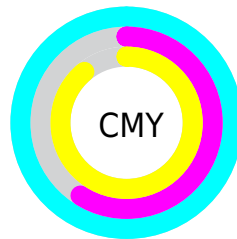
- Red (0%)
- Green (41%)
- Blue (11%)



- Red (0%)
- Yellow (32%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00691D 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 00691D by changing the saturation by 10% instead.

 00691D

 00691D

FFFFFF

 005003

 489D4D

 003800

 64B966

 002300

 7FD580

 000000

 9BF19A

 B7FFB6

 D4FFD1

 F1FFEE

 00691D

 0A6925

 15692C

 206934

 2A693B

 356943

 3F694B

 4A6952

 54695A

 5F6961

Harmonies

Analogous

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



4F6100



00691D



006D4B

Triad

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



00691D



0063B2



A62B3C

Complementary

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



00691D



69004C

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.



A22868



00691D



3954AD

Square

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



00691D



006B9F



823D92



964012

Rectangle

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



00691D



006E6A



823D92



A7274B

Sweetspot

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



00691D



608A6C



4D6900



2C4533



C4C4C4



454545

Same Dimension

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



00691D



008A26



006950



303632



007520



00F544

Inverse Universe

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



69004C



8A0064



690019



363034



750055



F500B1

Previews

White Background



This preview shows how the Hex color 00691D looks on a white background.

Color Contrast Check

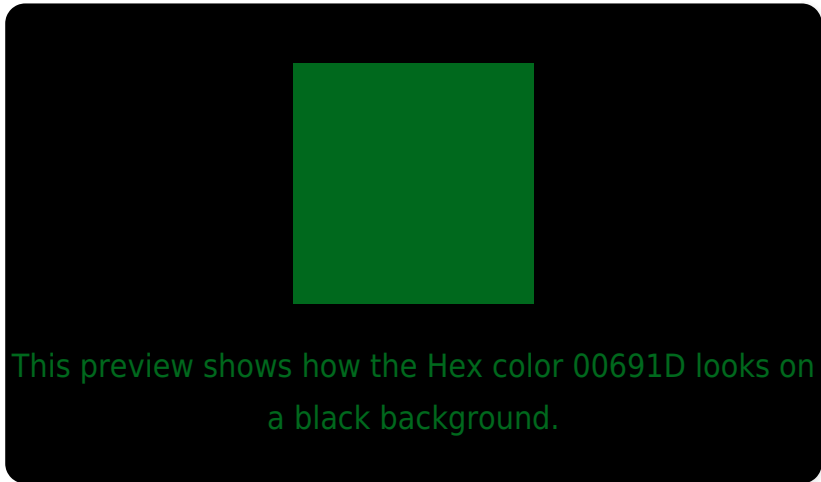
Large Text (above 18pt) WCAG AA ✓ Pass

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 00691D Background



This preview shows how black text looks on a background with the Hex color 00691D.



This preview shows how white text looks on a background with the Hex color 00691D.

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
00691D

Protanopia
655A19

Deuteranopia
705524



Tritanopia
2B626A

Trichromacy



Original Color
00691D



Protanomaly
405F1A



Deuteranomaly
475C21



Tritanomaly
1B654E

Monochromacy



Original Color
00691D



Achromatopsia
414141



Achromatomaly
295034

CSS Examples

Text

The CSS property to change the color of the text to Hex 00691D 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 #00691D looks like.

```
.text, #text, p{  
    color:#00691D  
}
```

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 #00691D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00691D
}
```

Border

The CSS property to change the border of an element to Hex 00691D 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
#00691D }
```

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

```
.border{ border-color:#00691D }
```

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

Here you see how a box with a 4 pixel #00691D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00691D; -webkit-box-shadow:4px 4px  
4px 4px #00691D; box-shadow:4px 4px 4px  
4px #00691D }
```

Background

The CSS property to change the background color of an element to Hex 00691D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00691D }
```

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

```
.background{ background-color:#00691D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor