

Converting Colors

Hex(00631D)

Have a look what the booklet for
Hex(00631D) contains.

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Color

Hex(00631D)

Conversions

Conversions Part 1

Format	Color
Hex	00631D
RGB	0, 99, 29
RGB Percent	0%, 39%, 11%
CMY	1.0000, 0.6118, 0.8863
CMYK	1.00, 0.00, 0.71, 0.61
HSL	138°, 100%, 19%
HSV	138°, 100%, 39%
XYZ	4.6836, 9.0124, 2.6551
YIQ	61.4190, -36.5340, -42.7580

Conversions

Conversions Part 2

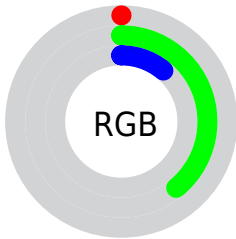
Format	Color
RYB	0, 77, 99
Decimal	25373
CIELab	36.01, -40.86, 31.67
CIELCh	36, 51.701, 142.222
Yxy	9.0124, 0.2864, 0.5512
Android (android.graphics.Color)	4278215453 (0xFF00631D)
YUV	61.4190, -15.9826, -53.8645
Hunter-Lab	30.0206, -24.6878, 15.7707

Details

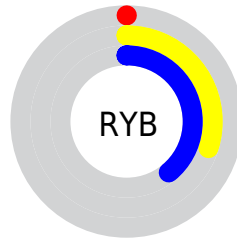
The Hex color **00631D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630046**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **46974D**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **00631D**, and if you desaturate by 10%, it is **0A6324**.

Distribution



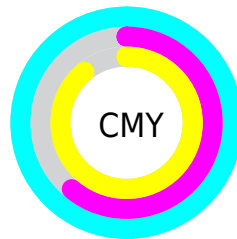
- Red (0%)
- Green (39%)
- Blue (11%)



- Red (0%)
- Yellow (30%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00631D 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 00631D by changing the saturation by 10% instead.

 00631D

 00631D

FFFFFF

 004A04

 46974D

 003300

 61B265

 001D00

 7CCE7F

 000000

 98EA99

 B4FFB4

 D1FFD0

 EEFFED

 00631D

 0A6324

 14632B

 1E6332

 286339

 326340

 3B6347

 45634E

 4F6355

 59635C

Harmonies

Analogous

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



4A5C00



00631D



006648

Triad

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



00631D



005DA7



9C2A38

Complementary

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



00631D



630046

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.



982761



00631D



3A4EA2

Square

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



00631D



006596



7B3A88



8D3D11

Rectangle

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



00631D



006765



7B3A88



9D2646

Sweetspot

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



00631D



598064



476300



294030



BFBFBF



404040

Same Dimension

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



00631D



008025



00634E



2C302D



007021



00F046

Inverse Universe

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



630046



80005A



630015



302C2F



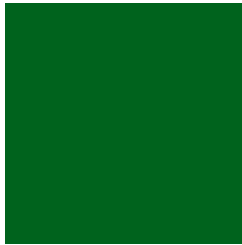
70004F



F000A9

Previews

White Background



This preview shows how the Hex color 00631D looks on a white background.

Color Contrast Check

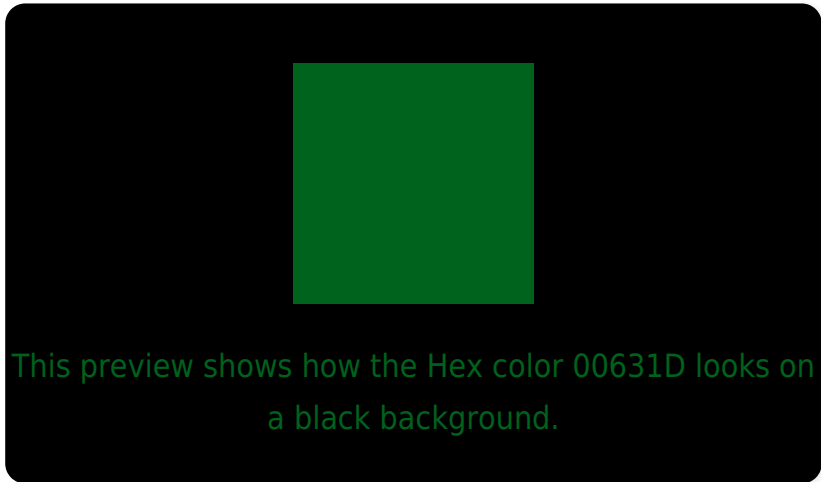
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 00631D Background



This preview shows how black text looks on a background with the Hex color 00631D.



This preview shows how white text looks on a background with the Hex color 00631D.

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
00631D

Protanopia
5F5519

Deuteranopia
695124



Tritanopia
285C64

Trichromacy



Original Color
00631D



Protanomaly
3C5A1A



Deuteranomaly
435821

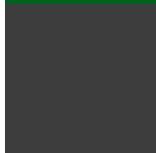


Tritanomaly
195F4A

Monochromacy



Original Color
00631D



Achromatopsia
3D3D3D



Achromatomaly
274B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 00631D 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 #00631D looks like.

```
.text, #text, p{  
    color:#00631D  
}
```

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 #00631D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00631D
}
```

Border

The CSS property to change the border of an element to Hex 00631D 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".

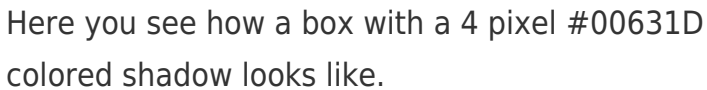
```
.border, #border, table{ border:4px solid
#00631D }
```

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

```
.border{ border-color:#00631D }
```

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

Here you see how a box with a 4 pixel #00631D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00631D; -webkit-box-shadow:4px 4px  
4px 4px #00631D; box-shadow:4px 4px 4px  
4px #00631D }
```

Background

The CSS property to change the background color of an element to Hex 00631D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00631D }
```

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

```
.background{ background-color:#00631D }
```

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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