

Converting Colors

Hex(01651E)

Have a look what the booklet for
Hex(01651E) contains.

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Color

Hex(01651E)

Conversions

Conversions Part 1

Format	Color
Hex	01651E
RGB	1, 101, 30
RGB Percent	0%, 40%, 12%
CMY	0.9961, 0.6039, 0.8824
CMYK	0.99, 0.00, 0.70, 0.60
HSL	137°, 98%, 20%
HSV	137°, 99%, 40%
XYZ	4.9005, 9.4076, 2.7858
YIQ	63.0060, -36.8090, -43.2810

Conversions

Conversions Part 2

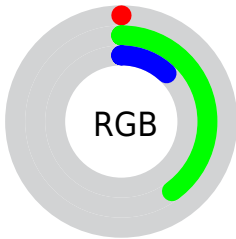
Format	Color
RYB	1, 79, 101
Decimal	91422
CIELab	36.76, -41.31, 32.03
CIELCh	37, 52.268, 142.211
Yxy	9.4076, 0.2867, 0.5503
Android (android.graphics.Color)	4278281502 (0xFF01651E)
YUV	63.0060, -16.2720, -54.3793
Hunter-Lab	30.6717, -25.1559, 16.0850

Details

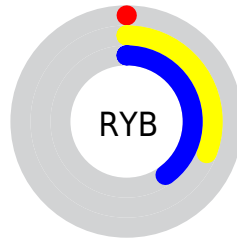
The Hex color **01651E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **650148**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **47994E**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **00651D**, and if you desaturate by 10%, it is **0B6525**.

Distribution



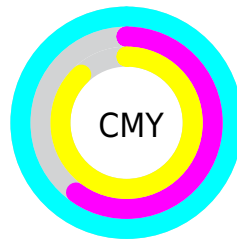
- Red (0%)
- Green (40%)
- Blue (12%)



- Red (0%)
- Yellow (31%)
- Blue (40%)



- Cyan (99%)
- Magenta (0%)
- Yellow (70%)
- Black (60%)





- Cyan (100%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01651E 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 01651E by changing the saturation by 10% instead.

 01651E

 01651E

FFFFFF

 004C05

 47994E

 003400

 62B466

 001F00

 7ED080


 000000

 99ED9B

 B5FFB6

 D2FFD2

 EFFFEE

 01651E

 01651E

■ 00651D

■ 0B6525

■ 15652C

■ 1F6534

■ 29653B

■ 346542

■ 3E6549

■ 486550

■ 526557

■ 5C655F

Harmonies

Analogous

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



4B5E00



01651E



00694A

Triad

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



01651E



005FAA



9F2B3A

Complementary

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



01651E



650148

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.



9B2863



01651E



3B50A5

Square

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



01651E



006799



7E3B8B



903E11

Rectangle

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



01651E



006967



7E3B8B



A02747

Sweetspot

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



01651E



5B8266



496501



2A4231



C2C2C2



424242

Same Dimension

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



01651E



008226



01654F



2E332F



007321



00F246

Inverse Universe

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



650148



82005C



650117



332E32



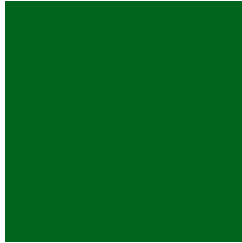
730051



F200AC

Previews

White Background



This preview shows how the Hex color 01651E looks on a white background.

Color Contrast Check

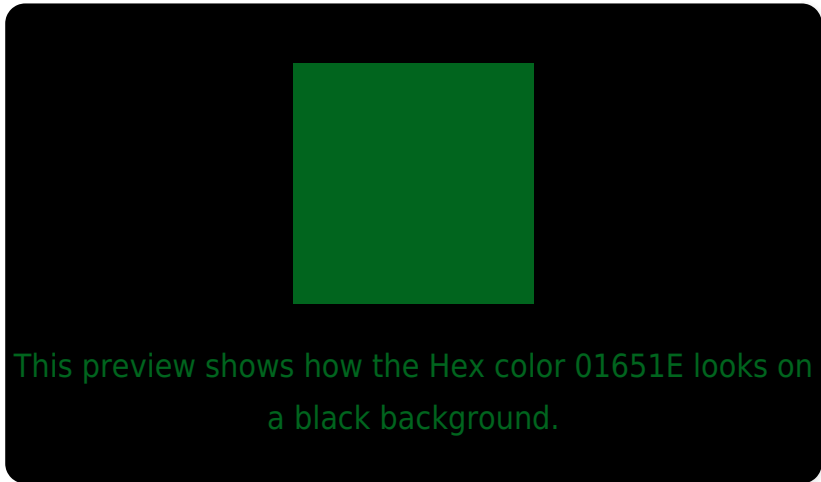
Large Text (above 18pt) WCAG AA ✓ Pass

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

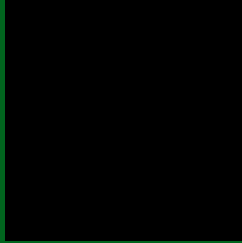
Any Text WCAG AA × Fail

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 01651E Background



This preview shows how black text looks on a background with the Hex color 01651E.



This preview shows how white text looks on a background with the Hex color 01651E.

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
01651E

Protanopia
61571A

Deuteranopia
6B5225



Tritanopia
295E66

Trichromacy



Original Color
01651E



Protanomaly
3E5C1B



Deuteranomaly
445922



Tritanomaly
1A614C

Monochromacy



Original Color
01651E



Achromatopsia
3F3F3F



Achromatomaly
284D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 01651E 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 #01651E looks like.

```
.text, #text, p{  
    color:#01651E  
}
```

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 #01651E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01651E
}
```

Border

The CSS property to change the border of an element to Hex 01651E 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".

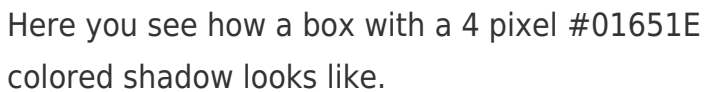
```
.border, #border, table{ border:4px solid
#01651E }
```

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

```
.border{ border-color:#01651E }
```

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

Here you see how a box with a 4 pixel #01651E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01651E; -webkit-box-shadow:4px 4px  
4px 4px #01651E; box-shadow:4px 4px 4px  
4px #01651E }
```

Background

The CSS property to change the background color of an element to Hex 01651E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01651E }
```

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

```
.background{ background-color:#01651E }
```

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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