

Converting Colors

Hex(10451E)

Have a look what the booklet for
Hex(10451E) contains.

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Color

Hex(10451E)

Conversions

Conversions Part 1

Format	Color
Hex	10451E
RGB	16, 69, 30
RGB Percent	6%, 27%, 12%
CMY	0.9373, 0.7294, 0.8824
CMYK	0.77, 0.00, 0.57, 0.73
HSL	136°, 62%, 17%
HSV	136°, 77%, 27%
XYZ	2.5762, 4.4601, 1.9534
YIQ	48.7070, -19.0690, -23.3650

Conversions

Conversions Part 2

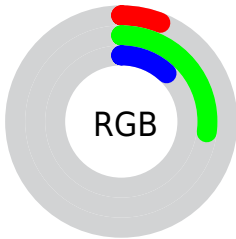
Format	Color
R_{YB}	16, 58, 69
Decimal	1066270
CIE _{Lab}	25.14, -27.13, 18.57
CIE _{LCh}	25, 32.873, 145.605
Yxy	4.4601, 0.2866, 0.4961
Android (android.graphics.Color)	4279256350 (0xFF10451E)
YUV	48.7070, -9.2226, -28.6840
Hunter-Lab	21.1190, -15.1845, 9.2993

Details

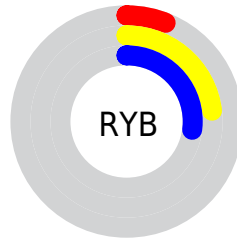
The Hex color **10451E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **451037**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **43764B**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **094519**, and if you desaturate by 10%, it is **174523**.

Distribution



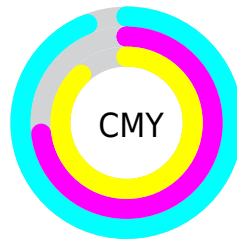
- Red (6%)
- Green (27%)
- Blue (12%)



- Red (6%)
- Yellow (23%)
- Blue (27%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (73%)



- Cyan (94%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10451E 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 10451E by changing the saturation by 10% instead.

 10451E

 10451E

FFFFFF

 002E07

 43764B

 001B00

 5C9063

 000000

 76AB7C

 90C696

 ABE2B1

 C7FFCC

 E3FFE8

 10451E

 10451E

■ 094519

■ 174523

■ 024514

■ 1E4528

■ 004512

■ 25452D

■ 2C4532

■ 334537

■ 39453C

■ 404542

■ 474547

■ 4E454C

Harmonies

Analogous

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



334109



10451E



004737

Triad

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



10451E



00406D



682628

Complementary

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



10451E



451037

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.



662440



10451E



353769

Square

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



10451E



004564



562C58



5E2F12

Rectangle

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



10451E



004748



562C58



692430

Sweetspot

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



10451E



45594A



384510



212E24



ADADAD



2E2E2E

Same Dimension

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



10451E



07591D



104538



202421



00631A



00E33C

Inverse Universe

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



451037



590744



45101D



242023



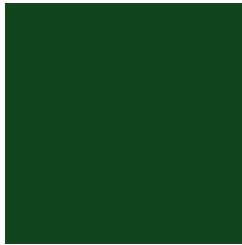
630049



E300A7

Previews

White Background



This preview shows how the Hex color 10451E looks on a white background.

Color Contrast Check

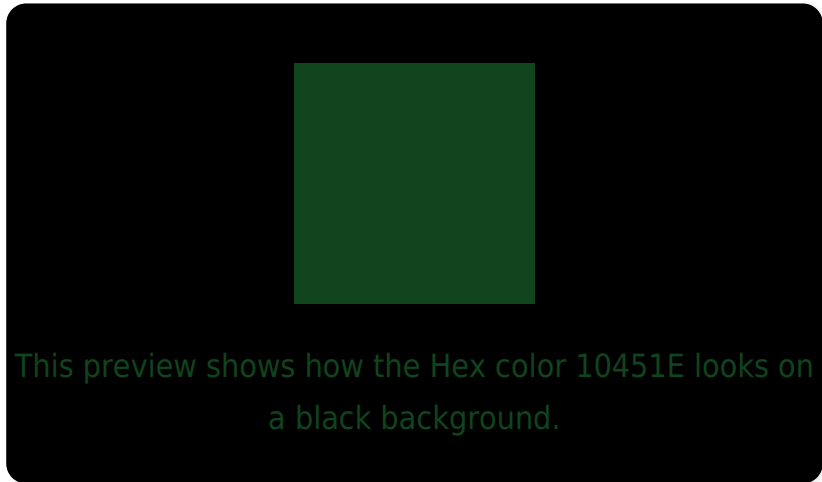
Large Text (above 18pt) WCAG AA ✓ Pass

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

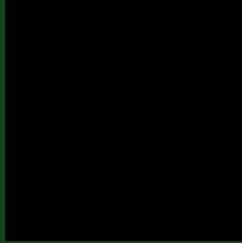
Any Text WCAG AA × Fail

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 10451E Background



This preview shows how black text looks on a background with the Hex color 10451E.



This preview shows how white text looks on a background with the Hex color 10451E.

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](#).

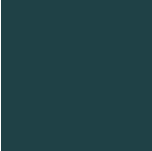
Dichromacy



Original Color
10451E

Protanopia
423C1B

Deuteranopia
493921



Tritanopia
1F4146

Trichromacy



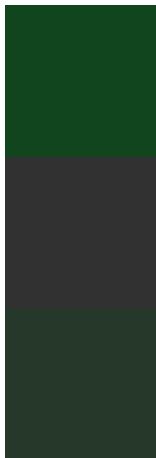
Original Color
10451E

Protanomaly
303F1C

Deuteranomaly
343D20

Tritanomaly
1A4237

Monochromacy



Original Color
10451E

Achromatopsia
313131

Achromatomaly
25382A

CSS Examples

Text

The CSS property to change the color of the text to Hex 10451E 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 #10451E looks like.

```
.text, #text, p{  
    color:#10451E  
}
```

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 #10451E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10451E
}
```

Border

The CSS property to change the border of an element to Hex 10451E 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".

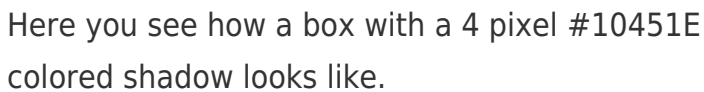
```
.border, #border, table{ border:4px solid
#10451E }
```

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

```
.border{ border-color:#10451E }
```

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

Here you see how a box with a 4 pixel #10451E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10451E; -webkit-box-shadow:4px 4px  
4px 4px #10451E; box-shadow:4px 4px 4px  
4px #10451E }
```

Background

The CSS property to change the background color of an element to Hex 10451E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10451E }
```

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

```
.background{ background-color:#10451E }
```

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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