

Converting Colors

Hex(10481F)

Have a look what the booklet for
Hex(10481F) contains.

Hex(10481F)	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(10481F)

Conversions

Conversions Part 1

Format	Color
Hex	10481F
RGB	16, 72, 31
RGB Percent	6%, 28%, 12%
CMY	0.9373, 0.7176, 0.8784
CMYK	0.78, 0.00, 0.57, 0.72
HSL	136°, 64%, 17%
HSV	136°, 78%, 28%
XYZ	2.7784, 4.8438, 2.0848
YIQ	50.5820, -20.2150, -24.6230

Conversions

Conversions Part 2

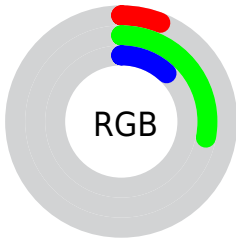
Format	Color
RYB	16, 60, 72
Decimal	1067039
CIELab	26.29, -28.24, 19.40
CIElCh	26, 34.261, 145.512
Yxy	4.8438, 0.2862, 0.4990
Android (android.graphics.Color)	4279257119 (0xFF10481F)
YUV	50.5820, -9.6539, -30.3284
Hunter-Lab	22.0087, -15.9814, 9.7896

Details

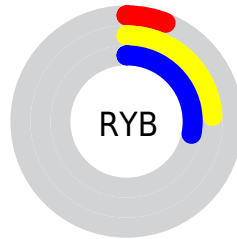
The Hex color **10481F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **481039**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **44794C**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **09481A**, and if you desaturate by 10%, it is **174824**.

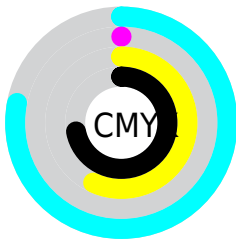
Distribution



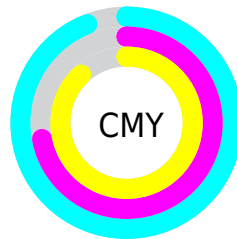
- Red (6%)
- Green (28%)
- Blue (12%)



- Red (6%)
- Yellow (24%)
- Blue (28%)



- Cyan (78%)
- Magenta (0%)
- Yellow (57%)
- Black (72%)



- Cyan (94%)
- Magenta (72%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10481F 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 10481F by changing the saturation by 10% instead.

 10481F

 10481F

FFFFFF

 003109


 44794C

 001E00

 5D9364

 000000

 77AE7D

 91CA97

 ACE6B2

 C8FFCE

 E5FFEA

 10481F

 10481F

■ 09481A

■ 174824

■ 024814

■ 1E482A

■ 004813

■ 26482F

■ 2D4834

■ 344839

■ 3B483F

■ 424844

■ 4A4849

■ 51484E

Harmonies

Analogous

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



364309



10481F



004A39

Triad

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



10481F



004272



6C2729

Complementary

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



10481F



481039

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.



6B2543



10481F



37396D

Square

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



10481F



004869



5A2D5C



623113

Rectangle

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



10481F



004B4B



5A2D5C



6D2532

Sweetspot

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



10481F



495E4E



394810



233027



B0B0B0



303030

Same Dimension

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



10481F



075E1E



10483B



202421



00631B



00E33D

Inverse Universe

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



481039



5E0747



48101D



242023



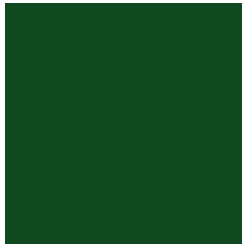
630049



E300A6

Previews

White Background



This preview shows how the Hex color 10481F looks on a white background.

Color Contrast Check

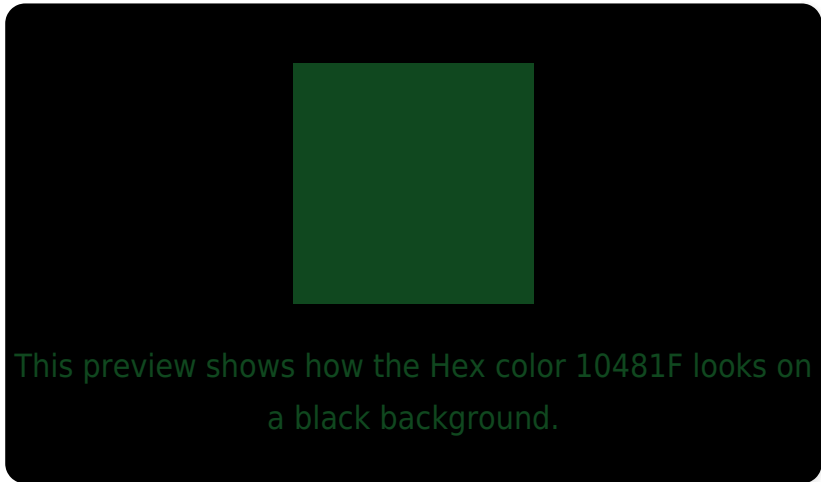
Large Text (above 18pt) WCAG AA ✓ Pass

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

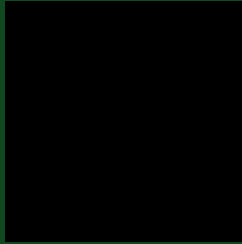
Any Text WCAG AA × Fail

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 10481F Background



This preview shows how black text looks on a background with the Hex color 10481F.



This preview shows how white text looks on a background with the Hex color 10481F.

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](#).

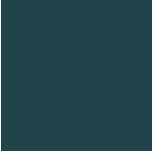
Dichromacy



Original Color
10481F

Protanopia
453E1C

Deuteranopia
4C3B22



Tritanopia
204449

Trichromacy



Original Color
10481F

Protanomaly
32421D

Deuteranomaly
364021

Tritanomaly
1A453A

Monochromacy



Original Color
10481F

Achromatopsia
333333

Achromatomaly
263B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 10481F 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 #10481F looks like.

```
.text, #text, p{  
    color:#10481F  
}
```

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 #10481F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10481F
}
```

Border

The CSS property to change the border of an element to Hex 10481F 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".

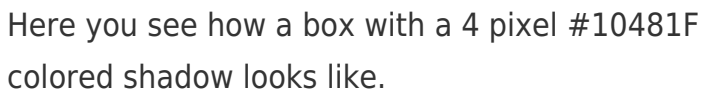
```
.border, #border, table{ border:4px solid
#10481F }
```

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

```
.border{ border-color:#10481F }
```

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

Here you see how a box with a 4 pixel #10481F colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10481F; -webkit-box-shadow:4px 4px  
4px 4px #10481F; box-shadow:4px 4px 4px  
4px #10481F }
```

Background

The CSS property to change the background color of an element to Hex 10481F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10481F }
```

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

```
.background{ background-color:#10481F }
```

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