

# Converting Colors

Hex(103419)

Have a look what the booklet for  
Hex(103419) contains.

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# Color

**Hex(103419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	103419
RGB	16, 52, 25
RGB Percent	6%, 20%, 10%
CMY	0.9373, 0.7961, 0.9020
CMYK	0.69, 0.00, 0.52, 0.80
HSL	135°, 53%, 13%
HSV	135°, 69%, 20%
XYZ	1.6171, 2.6363, 1.3433
YIQ	38.1580, -12.7890, -16.0290

# Conversions

## Conversions Part 2

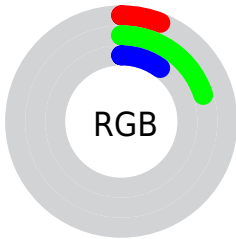
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 45, 52
Decimal	1061913
CIE <sub>Lab</sub>	18.52, -20.21, 13.31
CIE <sub>LCh</sub>	19, 24.201, 146.632
Yxy	2.6363, 0.2889, 0.4710
Android (android.graphics.Color)	4279251993 (0xFF103419)
YUV	38.1580, -6.4869, -19.4326
Hunter-Lab	16.2368, -10.6362, 6.4604

# Details

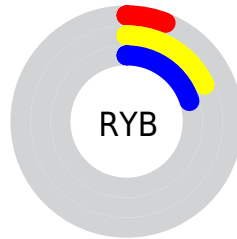
The Hex color **103419** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34102B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3E6344**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B3415**, and if you desaturate by 10%, it is **15341D**.

# Distribution



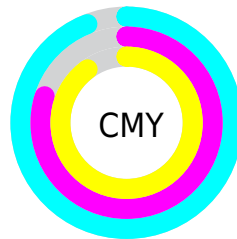
- Red (6%)
- Green (20%)
- Blue (10%)



- Red (6%)
- Yellow (18%)
- Blue (20%)



- Cyan (69%)
- Magenta (0%)
- Yellow (52%)
- Black (80%)



- Cyan (94%)
- Magenta (80%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 103419 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 103419 by changing the saturation by 10% instead.



 103419

 103419


 F8FFFD

 001F00

 3E6344

 000000

 577C5C

 709675

 89B18E

 A4CCA9

 BFE9C4

 DBFFE0

 103419

 103419

■ 0B3415

■ 15341D

■ 063411

■ 1A3421

■ 00340D

■ 203425

■ 253429

■ 2A342D

■ 2F3430

■ 343434

■ 3A3438

■ 3F343C

# Harmonies

## Analogous

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



27310B



103419



00362B

# Triad

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



103419



003050



4D1F1E

# Complementary

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



103419



34102B

# 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.



4C1D30



103419



2A294D

# Square

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



103419



00344A



412241



462510

# Rectangle

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



103419



003637



412241



4D1E24



# Sweetspot

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



103419



36453A



2B3410



1B241D



A3A3A3



242424



# Same Dimension

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



103419



0C451A



10342B



171A18



005916



00D936



# Inverse Universe

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



34102B



450C37



341019



1A1719



590043

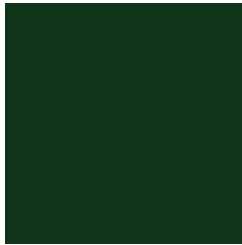


D900A3



# Previews

## White Background



This preview shows how the Hex color 103419 looks on a white background.

## Color Contrast Check

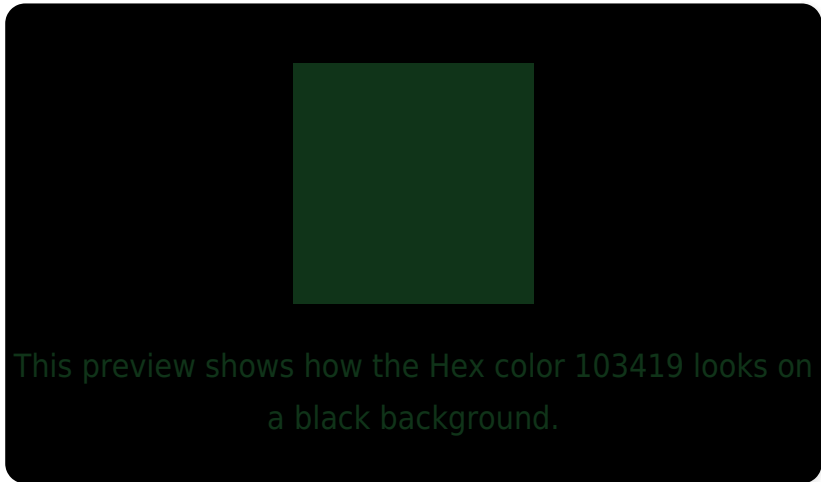
Large Text (above 18pt) WCAG AA ✓ Pass

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

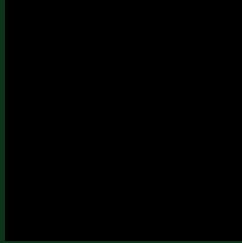
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 103419 Background



This preview shows how black text looks on a background with the Hex color 103419.



This preview shows how white text looks on a background with the Hex color 103419.

# 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](#).

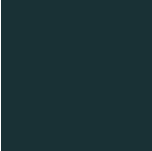
## Dichromacy



**Original Color**  
103419

**Protanopia**  
322D17

**Deuteranopia**  
372B1B



**Tritanopia**  
193135

# Trichromacy



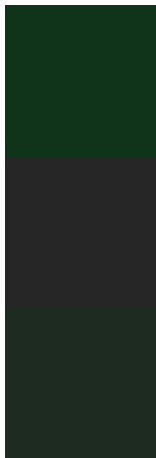
**Original Color**  
103419

**Protanomaly**  
263018

**Deuteranomaly**  
292E1A

**Tritanomaly**  
16322B

# Monochromacy



**Original Color**  
103419

**Achromatopsia**  
262626

**Achromatomaly**  
1E2B21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 103419 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 #103419 looks like.

```
.text, #text, p{  
    color:#103419  
}
```

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 #103419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103419
}
```

## Border

The CSS property to change the border of an element to Hex 103419 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
#103419 }
```

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

```
.border{ border-color:#103419 }
```

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

Here you see how a box with a 4 pixel #103419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103419; -webkit-box-shadow:4px 4px  
4px 4px #103419; box-shadow:4px 4px 4px  
4px #103419 }
```

# Background

The CSS property to change the background color of an element to Hex 103419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103419 }
```

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

```
.background{ background-color:#103419 }
```

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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