

# Converting Colors

Hex(19451D)

Have a look what the booklet for  
Hex(19451D) contains.

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# Color

**Hex(19451D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19451D
RGB	25, 69, 29
RGB Percent	10%, 27%, 11%
CMY	0.9020, 0.7294, 0.8863
CMYK	0.64, 0.00, 0.58, 0.73
HSL	125°, 47%, 18%
HSV	125°, 64%, 27%
XYZ	2.7508, 4.5516, 1.8960
YIQ	51.2840, -13.3840, -21.7680

# Conversions

## Conversions Part 2

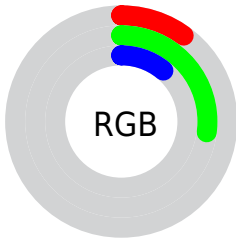
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 65, 69
Decimal	1656093
CIELab	25.42, -25.01, 19.57
CIElCh	25, 31.757, 141.957
Yxy	4.5516, 0.2991, 0.4948
Android (android.graphics.Color)	4279846173 (0xFF19451D)
YUV	51.2840, -10.9860, -23.0511
Hunter-Lab	21.3345, -14.3203, 9.6652

# Details

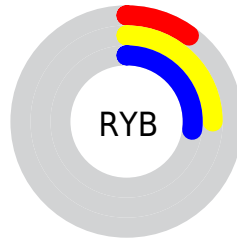
The Hex color **19451D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **451941**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4A764A**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **124517**, and if you desaturate by 10%, it is **204523**.

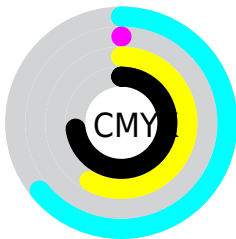
# Distribution



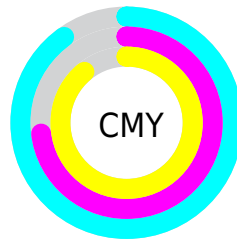
- Red (10%)
- Green (27%)
- Blue (11%)



- Red (10%)
- Yellow (25%)
- Blue (27%)



- Cyan (64%)
- Magenta (0%)
- Yellow (58%)
- Black (73%)



- Cyan (90%)
- Magenta (73%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19451D 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 19451D by changing the saturation by 10% instead.



 19451D

 19451D

FFFFFF

 012E06

 4A764A

 001B00

 629062

 000000

 7CAA7B

 97C695

 B2E2B0

 CEFFCB

 EAF FE7

 19451D

 19451D

■ 124517

■ 204523

■ 0B4510

■ 27452A

■ 04450A

■ 2E4530

■ 004506

■ 354536

■ 3B453C

■ 424543

■ 494549

■ 50454F

■ 574555

# Harmonies

## Analogous

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



38400B



19451D



004735

# Triad

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



19451D



00416C



68272C

# Complementary

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



19451D



451941

# 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.



642644



19451D



313969

# Square

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



19451D



004662



532E5A



5F2F17

# Rectangle

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



19451D



004845



532E5A



682634



# Sweetspot

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



19451D



48594A



414519



232E24



ADADAD



2E2E2E



# Same Dimension

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



19451D



15591B



194533



202420



006309



00E315



# Inverse Universe

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



451941



591553



45192B



242023



63005A

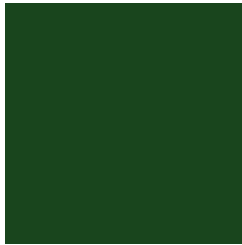


E300CE



# Previews

## White Background



This preview shows how the Hex color 19451D looks on a white background.

## Color Contrast Check

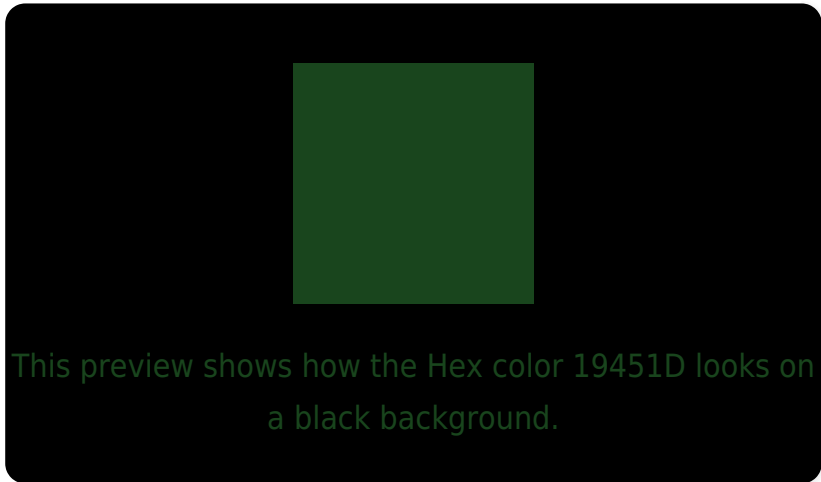
Large Text (above 18pt) WCAG AA ✓ Pass

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

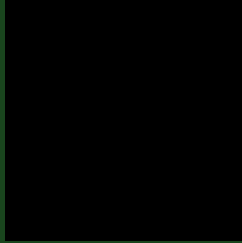
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19451D Background



This preview shows how black text looks on a background with the Hex color 19451D.



This preview shows how white text looks on a background with the Hex color 19451D.

# 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](#).

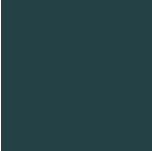
## Dichromacy



**Original Color**  
19451D

**Protanopia**  
433C1A

**Deuteranopia**  
4A3920



**Tritanopia**  
244146

# Trichromacy



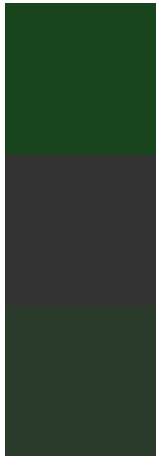
**Original Color**  
19451D

**Protanomaly**  
343F1B

**Deuteranomaly**  
383D1F

**Tritanomaly**  
204237

# Monochromacy



**Original Color**  
19451D

**Achromatopsia**  
333333

**Achromatomaly**  
2A3A2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19451D 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 #19451D looks like.

```
.text, #text, p{  
    color:#19451D  
}
```

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 #19451D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19451D
}
```

## Border

The CSS property to change the border of an element to Hex 19451D 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".

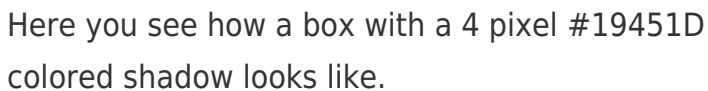
```
.border, #border, table{ border:4px solid
#19451D }
```

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

```
.border{ border-color:#19451D }
```

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

Here you see how a box with a 4 pixel #19451D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19451D; -webkit-box-shadow:4px 4px  
4px 4px #19451D; box-shadow:4px 4px 4px  
4px #19451D }
```

# Background

The CSS property to change the background color of an element to Hex 19451D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19451D }
```

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

```
.background{ background-color:#19451D }
```

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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