

Converting Colors

Hex(19471A)

Have a look what the booklet for
Hex(19471A) contains.

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Color

Hex(19471A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 19471A |
| RGB | 25, 71, 26 |
| RGB Percent | 10%, 28%, 10% |
| CMY | 0.9020, 0.7216, 0.8980 |
| CMYK | 0.65, 0.00, 0.63, 0.72 |
| HSL | 121°, 48%, 19% |
| HSV | 121°, 65%, 28% |
| XYZ | 2.8406, 4.7877, 1.7517 |
| YIQ | 52.1160, -12.9710, -23.7470 |

Conversions

Conversions Part 2

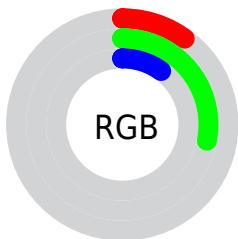
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 25, 70, 71 |
| Decimal | 1656602 |
| CIELab | 26.12, -26.39, 22.13 |
| CIElCh | 26, 34.445, 140.015 |
| Yxy | 4.7877, 0.3028, 0.5104 |
| Android (android.graphics.Color) | 4279846682 (0xFF19471A) |
| YUV | 52.1160, -12.8752, -23.7807 |
| Hunter-Lab | 21.8809, -15.1185, 10.5701 |

Details

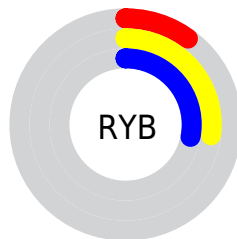
The Hex color **19471A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **471946**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4A7847**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **124713**, and if you desaturate by 10%, it is **204721**.

Distribution



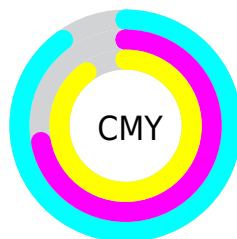
- Red (10%)
- Green (28%)
- Blue (10%)



- Red (10%)
- Yellow (27%)
- Blue (28%)



- Cyan (65%)
- Magenta (0%)
- Yellow (63%)
- Black (72%)



- Cyan (90%)
- Magenta (72%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19471A 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 19471A by changing the saturation by 10% instead.

■ 19471A

■ 19471A

FFFFFF

■ 003001

■ 4A7847

■ 001E00

■ 63925F

■ 000000

■ 7DAD78

■ 98C892

■ B3E4AD

■ CFFFC8

■ EBF FE4

■ 19471A

■ 19471A

■ 124713

■ 204721

■ 0B470C

■ 274728

■ 044705

■ 2E472F

■ 004702

■ 354736

■ 3C473D

■ 444744

■ 4B474B

■ 524752

■ 594759

Harmonies

Analogous

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



3A4206



19471A



004A34

Triad

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



19471A



004371



6D262D

Complementary

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



19471A



471946

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.



692548



19471A



2D3B6F

Square

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



19471A



004866



552F60



642F16

Rectangle

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



19471A



004A46



552F60



6D2436

Sweetspot

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



19471A



4A5C4B



464719



232E24



ADADAD



2E2E2E

Same Dimension

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



19471A



145C16



194731



202420



006302



00E305

Inverse Universe

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



471946



5C145A



47192F



242024



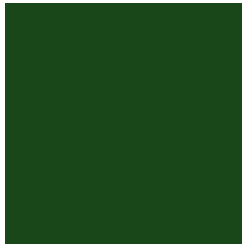
630061



E300DE

Previews

White Background



This preview shows how the Hex color 19471A looks on a white background.

Color Contrast Check

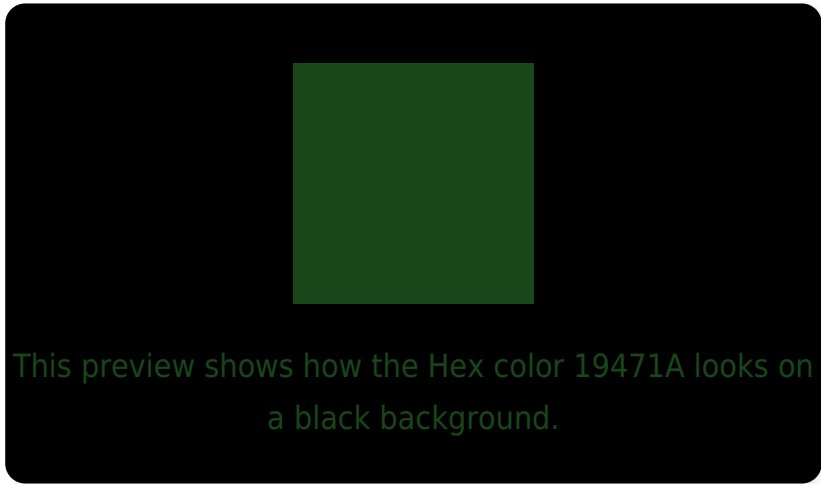
Large Text (above 18pt) WCAG AA ✓ Pass

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

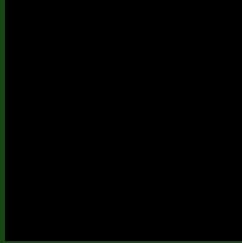
Any Text WCAG AA × Fail

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 19471A Background



This preview shows how black text looks on a background with the Hex color 19471A.



This preview shows how white text looks on a background with the Hex color 19471A.

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](#).

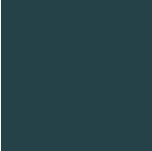
Dichromacy



Original Color
19471A

Protanopia
453E17

Deuteranopia
4C3B1E



Tritanopia
254248

Trichromacy



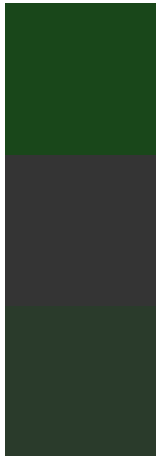
Original Color
19471A

Protanomaly
354118

Deuteranomaly
393F1D

Tritanomaly
214437

Monochromacy



Original Color
19471A

Achromatopsia
343434

Achromatomaly
2A3B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 19471A 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 #19471A looks like.

```
.text, #text, p{  
    color:#19471A  
}
```

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 #19471A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19471A
}
```

Border

The CSS property to change the border of an element to Hex 19471A 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".

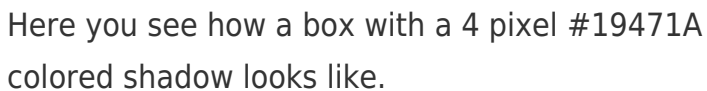
```
.border, #border, table{ border:4px solid
#19471A }
```

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

```
.border{ border-color:#19471A }
```

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

Here you see how a box with a 4 pixel #19471A 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 #19471A; -webkit-box-shadow:4px 4px  
4px 4px #19471A; box-shadow:4px 4px 4px  
4px #19471A }
```

Background

The CSS property to change the background color of an element to Hex 19471A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19471A }
```

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

```
.background{ background-color:#19471A }
```

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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