

Converting Colors

Hex(19301B)

Have a look what the booklet for
Hex(19301B) contains.

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Color

Hex(19301B)

Conversions

Conversions Part 1

Format	Color
Hex	19301B
RGB	25, 48, 27
RGB Percent	10%, 19%, 11%
CMY	0.9020, 0.8118, 0.8941
CMYK	0.48, 0.00, 0.44, 0.81
HSL	125°, 32%, 14%
HSV	125°, 48%, 19%
XYZ	1.6557, 2.3997, 1.4128
YIQ	38.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

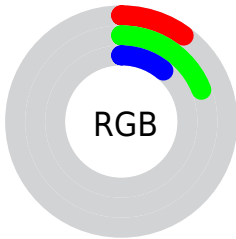
Format	Color
R_YB	25, 46, 48
Decimal	1650715
CIE Lab	17.46, -14.61, 10.69
CIE LCh	17, 18.100, 143.799
Yxy	2.3997, 0.3028, 0.4388
Android (android.graphics.Color)	4279840795 (0xFF19301B)
YUV	38.7290, -5.7824, -12.0403
Hunter-Lab	15.4910, -8.0311, 5.4362

Details

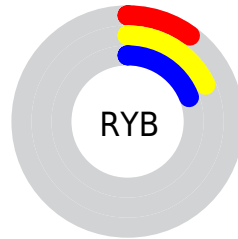
The Hex color **19301B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **30192E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **465E46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **143017**, and if you desaturate by 10%, it is **1E301F**.

Distribution



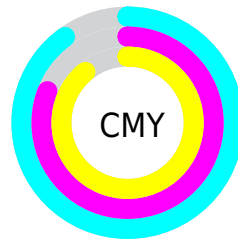
- Red (10%)
- Green (19%)
- Blue (11%)



- Red (10%)
- Yellow (18%)
- Blue (19%)



- Cyan (48%)
- Magenta (0%)
- Yellow (44%)
- Black (81%)



- Cyan (90%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19301B 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 19301B by changing the saturation by 10% instead.

 19301B

 19301B

FFFFFF

 011C01

 465E46

 000000

 5E775E

 769177

 90AB91

 ABC7AB

 C6E3C6

 E2FFE2

 19301B

 19301B

■ 143017

■ 1E301F

■ 0F3012

■ 233024

■ 0B300E

■ 273028

■ 063009

■ 2C302D

■ 013005

■ 313031

■ 003004

■ 363035

■ 3B303A

■ 3F303E

■ 443042

Harmonies

Analogous

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



282D12



19301B



033128

Triad

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



19301B



0F2D45



432121

Complementary

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



19301B



30192E

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.



42202E



19301B



282943

Square

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



19301B



00303F



38243A



3F2516

Rectangle

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



19301B



003231



38243A



442025

Sweetspot

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



19301B



353D35



2E3019



191F1A



9E9E9E



1F1F1F

Same Dimension

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



19301B



1A3D1D



193026



151715



005708



00D613

Inverse Universe

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



30192E



3D1A3A



301923



171517



57004F



D600C4

Previews

White Background



This preview shows how the Hex color 19301B looks on a white background.

Color Contrast Check

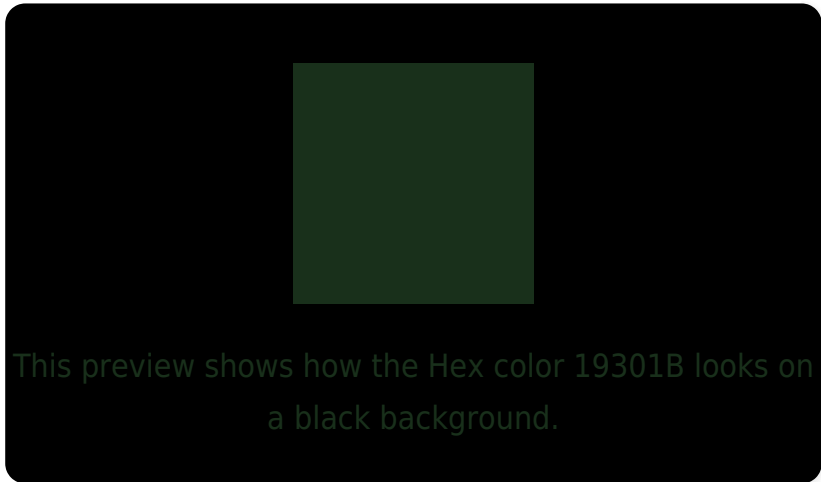
Large Text (above 18pt) WCAG AA ✓ Pass

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

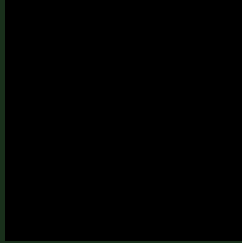
Any Text WCAG AA × Fail

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 19301B Background



This preview shows how black text looks on a background with the Hex color 19301B.



This preview shows how white text looks on a background with the Hex color 19301B.

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
19301B

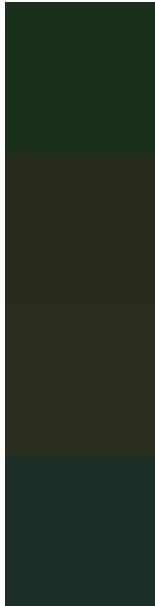
Protanopia
2F2B19

Deuteranopia
33291D



Tritanopia
1E2D31

Trichromacy



Original Color
19301B

Protanomaly
272D1A

Deuteranomaly
2A2C1C

Tritanomaly
1C2E29

Monochromacy



Original Color
19301B

Achromatopsia
272727

Achromatomaly
222A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 19301B 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 #19301B looks like.

```
.text, #text, p{  
    color:#19301B  
}
```

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 #19301B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19301B
}
```

Border

The CSS property to change the border of an element to Hex 19301B is called "border". The border property can be set on classes, ids or directly on the HTML element.

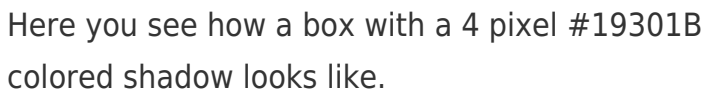
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19301B }
```

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

```
.border{ border-color:#19301B }
```

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



Here you see how a box with a 4 pixel #19301B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19301B; -webkit-box-shadow:4px 4px  
4px 4px #19301B; box-shadow:4px 4px 4px  
4px #19301B }
```

Background

The CSS property to change the background color of an element to Hex 19301B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19301B }
```

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

```
.background{ background-color:#19301B }
```

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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