

Converting Colors

Hex(191816)

Have a look what the booklet for
Hex(191816) contains.

Hex(191816)	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(191816)

Conversions

Conversions Part 1

Format	Color
Hex	191816
RGB	25, 24, 22
RGB Percent	10%, 9%, 9%
CMY	0.9020, 0.9059, 0.9137
CMYK	0.00, 0.04, 0.12, 0.90
HSL	40°, 6%, 9%
HSV	40°, 12%, 10%
XYZ	0.8724, 0.9179, 0.8902
YIQ	24.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

Format	Color
RYB	24, 25, 22
Decimal	1644566
CIELab	8.29, -0.00, 1.56
CIElCh	8, 1.555, 90.075
Yxy	0.9179, 0.3254, 0.3424
Android (android.graphics.Color)	4279834646 (0xFF191816)
YUV	24.0710, -1.0210, 0.8147
Hunter-Lab	9.5805, -0.5127, 1.1970

Details

The Hex color **191816** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **161719**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **444340**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **191714**, and if you desaturate by 10%, it is **191919**.

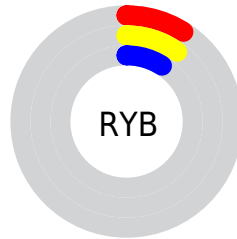
Distribution



Red (10%)

Green (9%)

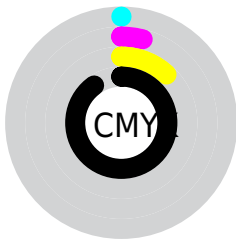
Blue (9%)



Red (9%)

Yellow (10%)

Blue (9%)

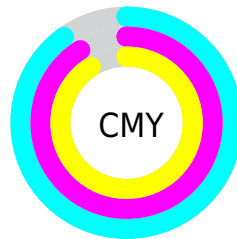


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (90%)



Cyan (90%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191816 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 191816 by changing the saturation by 10% instead.

■ 191816

■ 191816

■ FBFAF7

■ 000000

■ 444340

■ 5B5A58

■ 747370

■ 8D8C89

■ A8A6A4

■ C3C2BF

■ DFDDDB

■ 191816

■ 191816

■ 191714

■ 191919

■ 191611

■ 191A1B

■ 19160F

■ 191B1E

■ 19150C

■ 191B20

■ 19140A

■ 191C23

■ 191307

■ 191D25

■ 191205

■ 191E28

■ 191102

■ 191F2A

■ 191100

■ 19202D

Harmonies

Analogous

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



1A1816



191816



181816

Triad

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



191816



161919



191819

Complementary

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



191816



161719

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.



18181A



191816



16181A

Square

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



191816



161918



17181A



1A1718

Rectangle

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



191816



171917



17181A



191819

Sweetspot

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



191816



212120



191617



121211



919191



121212

Same Dimension

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



191816



21201D



191916



0D0C0B



4D3300



CC8800

Inverse Universe

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



161719



1D1E21



171619



0B0C0D



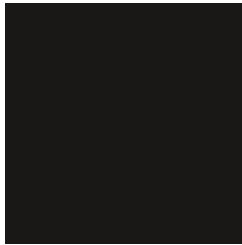
00194D



0044CC

Previews

White Background



This preview shows how the Hex color 191816 looks on a white background.

Color Contrast Check

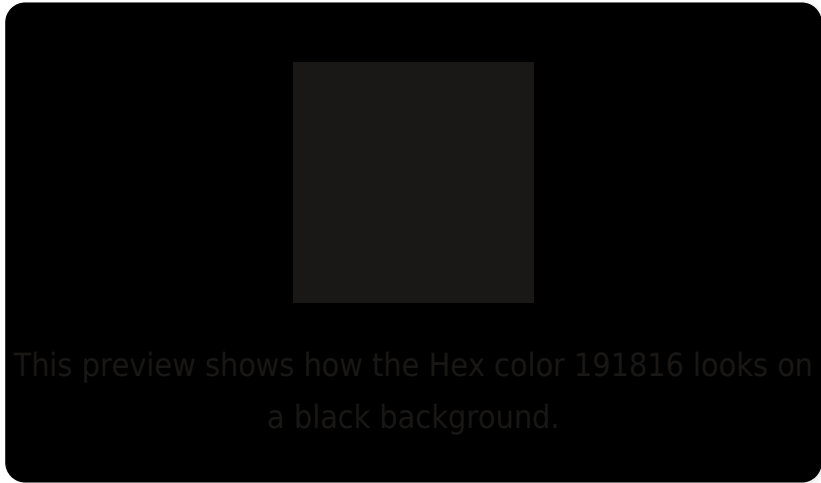
Large Text (above 18pt) WCAG AA ✓ Pass

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

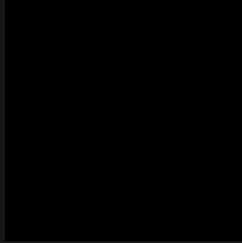
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

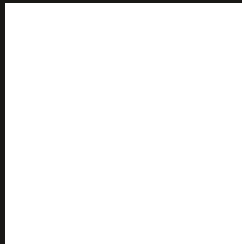
Any Text WCAG AAA × Fail

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

Hex 191816 Background



This preview shows how black text looks on a background with the Hex color 191816.

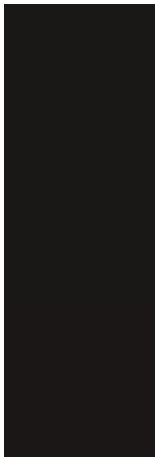


This preview shows how white text looks on a background with the Hex color 191816.

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](#).

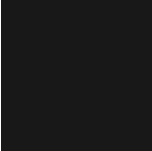
Dichromacy



Original Color
191816

Protanopia
191816

Deuteranopia
1B1716



Tritanopia
191819

Trichromacy



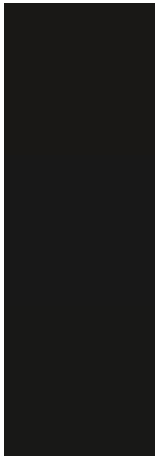
Original Color
191816

Protanomaly
191816

Deuteranomaly
1A1716

Tritanomaly
191818

Monochromacy



Original Color
191816

Achromatopsia
181818

Achromatomaly
181817

CSS Examples

Text

The CSS property to change the color of the text to Hex 191816 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 #191816 looks like.

```
.text, #text, p{  
    color:#191816  
}
```

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 #191816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191816
}
```

Border

The CSS property to change the border of an element to Hex 191816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

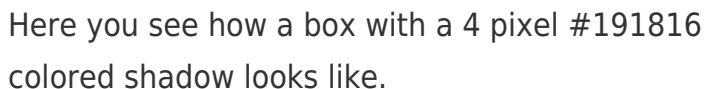
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#191816 }
```

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

```
.border{ border-color:#191816 }
```

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



Here you see how a box with a 4 pixel #191816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191816; -webkit-box-shadow:4px 4px  
4px 4px #191816; box-shadow:4px 4px 4px  
4px #191816 }
```

Background

The CSS property to change the background color of an element to Hex 191816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191816 }
```

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

```
.background{ background-color:#191816 }
```

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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