

# Converting Colors

Hex(19181F)

Have a look what the booklet for  
Hex(19181F) contains.

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# Color

**Hex(19181F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19181F
RGB	25, 24, 31
RGB Percent	10%, 9%, 12%
CMY	0.9020, 0.9059, 0.8784
CMYK	0.19, 0.23, 0.00, 0.88
HSL	249°, 13%, 11%
HSV	249°, 23%, 12%
XYZ	0.9749, 0.9589, 1.4300
YIQ	25.0970, -1.6510, 2.3890

# Conversions

## Conversions Part 2

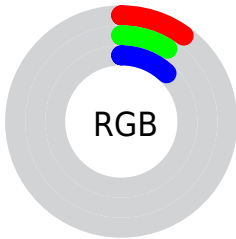
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	25, 24, 31
Decimal	1644575
CIE Lab	8.64, 2.41, -4.70
CIE LCh	9, 5.280, 297.171
Yxy	0.9589, 0.2898, 0.2851
Android (android.graphics.Color)	4279834655 (0xFF19181F)
YUV	25.0970, 2.9102, -0.0851
Hunter-Lab	9.7922, 0.6342, -1.8040

# Details

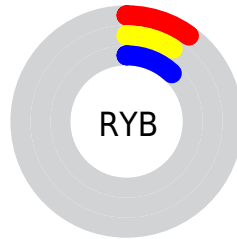
The Hex color **19181F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1E1F18**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **44434B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **16151F**, and if you desaturate by 10%, it is **1C1B1F**.

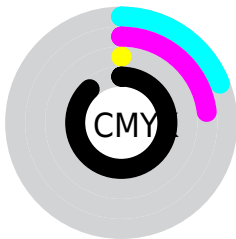
# Distribution



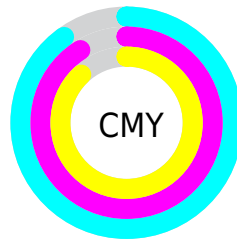
- Red (10%)
- Green (9%)
- Blue (12%)



- Red (10%)
- Yellow (9%)
- Blue (12%)



- Cyan (19%)
- Magenta (23%)
- Yellow (0%)
- Black (88%)



- Cyan (90%)
- Magenta (91%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19181F 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 19181F by changing the saturation by 10% instead.



■ 19181F

■ 19181F

■ FCFAFF

■ 000006

■ 44434B

■ 000000

■ 5B5A63

■ 74737B

■ 8E8C95

■ A8A6B0

■ C3C2CB

■ DFDDE7

■ 19181F

■ 19181F

■ 16151F

■ 1C1B1F

■ 14121F

■ 1E1E1F

■ 110F1F

■ 21211F

■ 0E0C1F

■ 24241F

■ 0C091F

■ 26281F

■ 09051F

■ 292B1F

■ 06021F

■ 2C2E1F

■ 04001F

■ 2E311F

■ 31341F

# Harmonies

## Analogous

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



141920



19181F



1D171D

# Triad

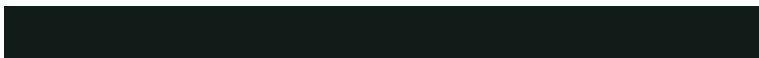
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19181F



1F1713



111B18

# Complementary

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



19181F



1E1F18

# 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.



141A15



19181F



1C1811

# Square

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



19181F



201716



181A12



0F1B1C

# Rectangle

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



19181F



1F161A



181A12



121B17



# Sweetspot

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



19181F



262629



181E1F



131314



949494



141414



# Same Dimension

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



19181F



1F1E29



1C181F



0E0E0F



0B004F



1E00CF



# Inverse Universe

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



1F181E



291E27



1B1F18



0F0E0F



4F0044

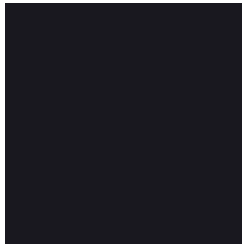


CF00B1



# Previews

## White Background



This preview shows how the Hex color 19181F looks on a white background.

## Color Contrast Check

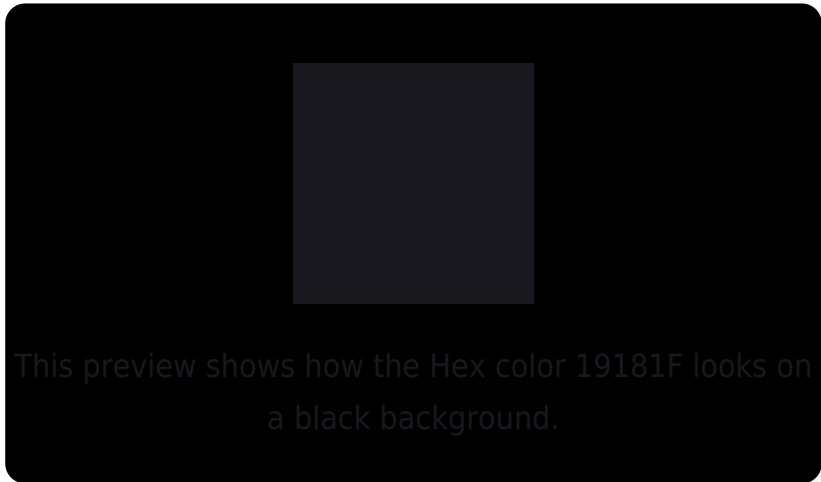
Large Text (above 18pt) WCAG AA ✓ Pass

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

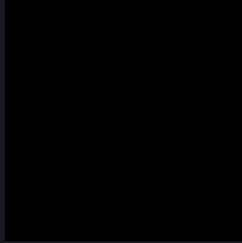
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19181F Background



This preview shows how black text looks on a background with the Hex color 19181F.

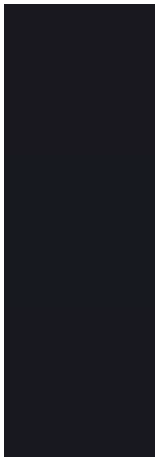


This preview shows how white text looks on a background with the Hex color 19181F.

# 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**  
19181F

**Protanopia**  
17191F

**Deuteranopia**  
18181F



**Tritanopia**  
18191B

# Trichromacy



**Original Color**

19181F

**Protanomaly**

18191F

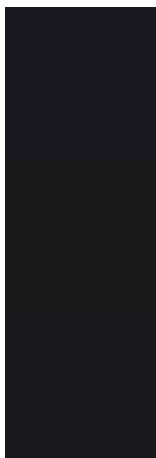
**Deuteranomaly**

18181F

**Tritanomaly**

18191C

# Monochromacy



**Original Color**

19181F

**Achromatopsia**

191919

**Achromatomaly**

19191B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19181F 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 #19181F looks like.

```
.text, #text, p{  
    color:#19181F  
}
```

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 #19181F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19181F
}
```

## Border

The CSS property to change the border of an element to Hex 19181F is called "border". The border property can be set on classes, ids or directly on the HTML element.

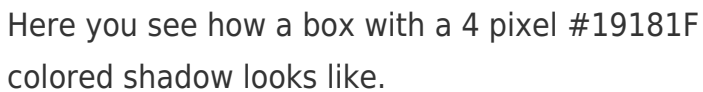
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19181F }
```

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

```
.border{ border-color:#19181F }
```

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



Here you see how a box with a 4 pixel #19181F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19181F; -webkit-box-shadow:4px 4px  
4px 4px #19181F; box-shadow:4px 4px 4px  
4px #19181F }
```

# Background

The CSS property to change the background color of an element to Hex 19181F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19181F }
```

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

```
.background{ background-color:#19181F }
```

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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