

Converting Colors

Hex(13191A)

Have a look what the booklet for
Hex(13191A) contains.

Hex(13191A)	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(13191A)

Conversions

Conversions Part 1

Format	Color
Hex	13191A
RGB	19, 25, 26
RGB Percent	7%, 10%, 10%
CMY	0.9255, 0.9020, 0.8980
CMYK	0.27, 0.04, 0.00, 0.90
HSL	189°, 16%, 9%
HSV	189°, 27%, 10%
XYZ	0.8026, 0.9083, 1.1103
YIQ	23.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

Format	Color
RYB	19, 22, 26
Decimal	1251610
CIELab	8.20, -2.48, -1.64
CIELCh	8, 2.972, 213.517
Yxy	0.9083, 0.2845, 0.3219
Android (android.graphics.Color)	4279441690 (0xFF13191A)
YUV	23.3200, 1.3212, -3.7886
Hunter-Lab	9.5304, -1.6452, -0.2360

Details

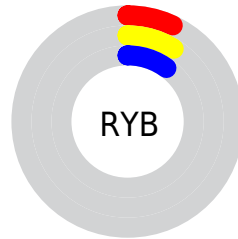
The Hex color **13191A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A1413**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3D4445**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10191A**, and if you desaturate by 10%, it is **16191A**.

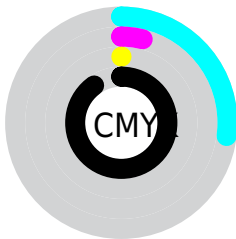
Distribution



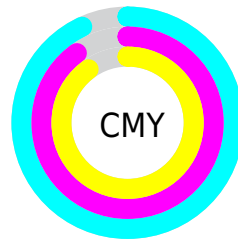
- Red (7%)
- Green (10%)
- Blue (10%)



- Red (7%)
- Yellow (9%)
- Blue (10%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (90%)



- Cyan (93%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13191A 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 13191A by changing the saturation by 10% instead.

■ 13191A

■ 13191A

■ F3FBFD

■ 000000

■ 3D4445

■ 545B5C

■ 6D7475

■ 868D8F

■ A0A8A9

■ BBC3C4

■ D7DFE0

■ 13191A

■ 13191A

■ 10191A

■ 16191A

■ 0E181A

■ 181A1A

■ 0B181A

■ 1B1A1A

■ 09181A

■ 1D1A1A

■ 06171A

■ 201B1A

■ 03171A

■ 231B1A

■ 01161A

■ 251C1A

■ 00161A

■ 281C1A

■ 2A1C1A

Harmonies

Analogous

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



131918



13191A



14191B

Triad

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



13191A



1B171A



191814

Complementary

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



13191A



1A1413

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.



1B1714



13191A



1C1718

Square

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



13191A



19171B



1C1716



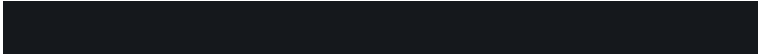
171814

Rectangle

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



13191A



15181C



1C1716



1A1814

Sweetspot

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



13191A



1E2121



131A14



101212



919191



121212

Same Dimension

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



13191A



172021



13161A



0B0D0D



00424D



00AFCC

Inverse Universe

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



1A1319



211720



1A1713



0D0B0D



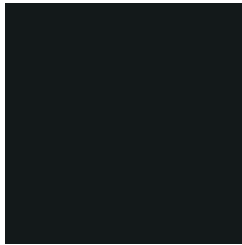
4D0042



CC00AF

Previews

White Background



This preview shows how the Hex color 13191A looks on a white background.

Color Contrast Check

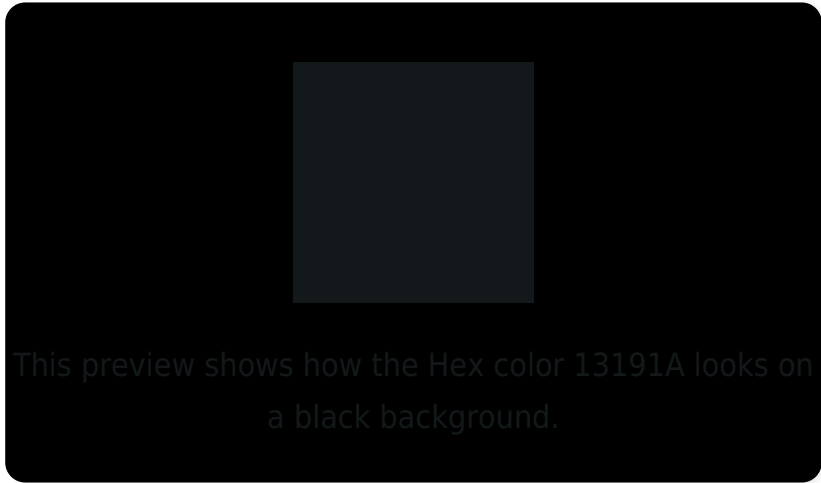
Large Text (above 18pt) WCAG AA ✓ Pass

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

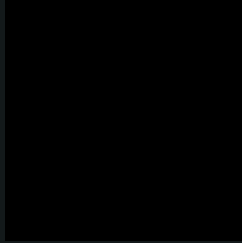
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

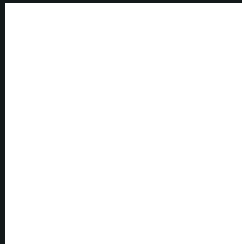
Any Text WCAG AAA × Fail

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

Hex 13191A Background



This preview shows how black text looks on a background with the Hex color 13191A.

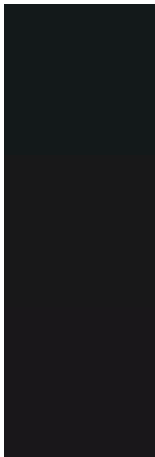


This preview shows how white text looks on a background with the Hex color 13191A.

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
13191A

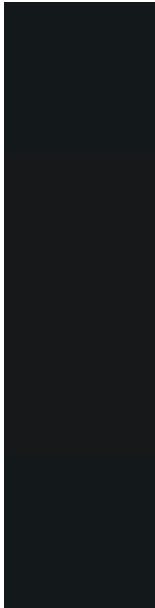
Protanopia
181819

Deuteranopia
19171A



Tritanopia
13191B

Trichromacy



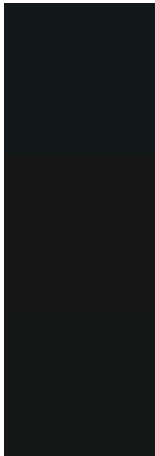
Original Color
13191A

Protanomaly
161819

Deuteranomaly
17181A

Tritanomaly
13191B

Monochromacy



Original Color
13191A

Achromatopsia
171717

Achromatomaly
161818

CSS Examples

Text

The CSS property to change the color of the text to Hex 13191A 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 #13191A looks like.

```
.text, #text, p{  
    color:#13191A  
}
```

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 #13191A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13191A
}
```

Border

The CSS property to change the border of an element to Hex 13191A is called "border". The border property can be set on classes, ids or directly on the HTML element.

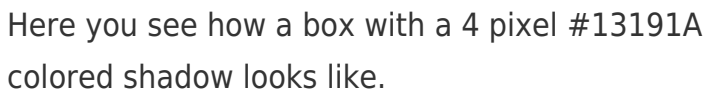
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13191A }
```

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

```
.border{ border-color:#13191A }
```

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



Here you see how a box with a 4 pixel #13191A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13191A; -webkit-box-shadow:4px 4px  
4px 4px #13191A; box-shadow:4px 4px 4px  
4px #13191A }
```

Background

The CSS property to change the background color of an element to Hex 13191A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13191A }
```

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

```
.background{ background-color:#13191A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor