

Converting Colors

Hex(191B0A)

Have a look what the booklet for
Hex(191B0A) contains.

Hex(191B0A)	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(191B0A)

Conversions

Conversions Part 1

Format	Color
Hex	191B0A
RGB	25, 27, 10
RGB Percent	10%, 11%, 4%
CMY	0.9020, 0.8941, 0.9608
CMYK	0.07, 0.00, 0.63, 0.89
HSL	67°, 46%, 7%
HSV	67°, 63%, 11%
XYZ	0.8476, 1.0125, 0.4379
YIQ	24.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

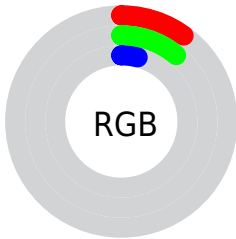
Format	Color
RYB	10, 27, 12
Decimal	1645322
CIELab	9.09, -4.48, 9.42
CIElCh	9, 10.428, 115.442
Yxy	1.0125, 0.3689, 0.4406
Android (android.graphics.Color)	4279835402 (0xFF191B0A)
YUV	24.4640, -7.1308, 0.4701
Hunter-Lab	10.0621, -2.5719, 4.4631

Details

The Hex color **191B0A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0A1B**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **434636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **191B07**, and if you desaturate by 10%, it is **191B0D**.

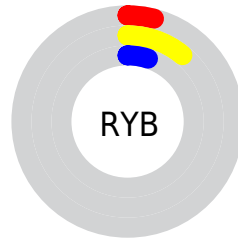
Distribution



Red (10%)

Green (11%)

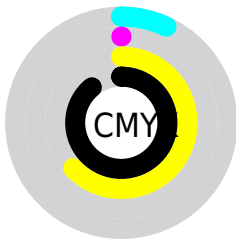
Blue (4%)



Red (4%)

Yellow (11%)

Blue (5%)

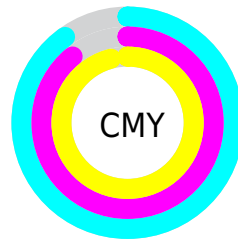


Cyan (7%)

Magenta (0%)

Yellow (63%)

Black (89%)



Cyan (90%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191B0A 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 191B0A by changing the saturation by 10% instead.

■ 191B0A

■ 191B0A

■ FBFEEA

■ 000000

■ 434636

■ 5B5E4D

■ 747665

■ 8D907E

■ A8AB98

■ C3C6B2

■ DFE2CE

■ 191B0A

■ 191B0A

■ 191B07

■ 191B0D

■ 181B05

■ 1A1B0F

■ 181B02

■ 1A1B12

■ 181B00

■ 1A1B15

■ 1B1B17

■ 1B1B1A

■ 1B1B1D

■ 1C1B20

■ 1C1B22

Harmonies

Analogous

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



201908



191B0A



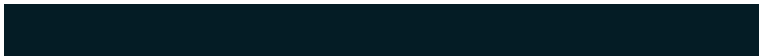
101D11

Triad

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



191B0A



041C25



26141B

Complementary

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



191B0A



0C0A1B

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.



211622



191B0A



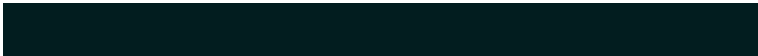
0E1B27

Square

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



191B0A



021D1F



191826



271514

Rectangle

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



191B0A



0A1D16



191826



25151D

Sweetspot

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



191B0A



23241D



1B0C0A



11120E



919191



121212

Same Dimension

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



191B0A



212409



111B0A



0D0D0B



444D00



B4CC00

Inverse Universe

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



0C0A1B



0C0924



140A1B



0C0B0D



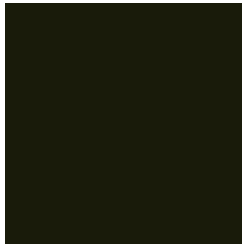
09004D



1800CC

Previews

White Background



This preview shows how the Hex color 191B0A 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

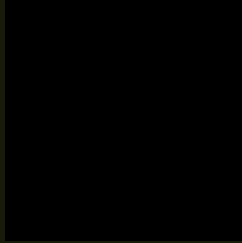
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

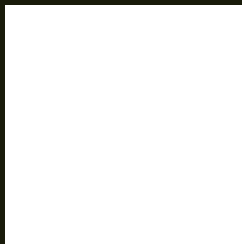
Any Text WCAG AAA × Fail

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

Hex 191B0A Background



This preview shows how black text looks on a background with the Hex color 191B0A.

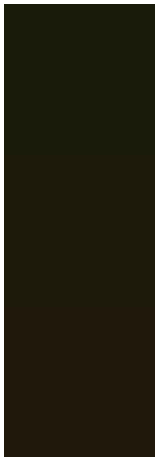


This preview shows how white text looks on a background with the Hex color 191B0A.

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](#).

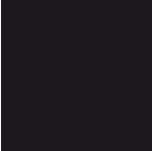
Dichromacy



Original Color
191B0A

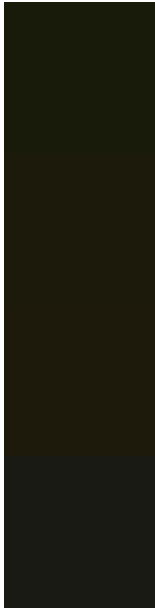
Protanopia
1D1A0A

Deuteranopia
20180B



Tritanopia
1B191B

Trichromacy



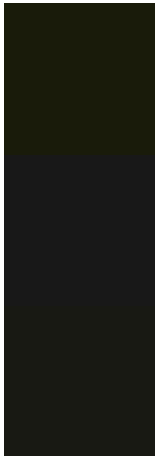
Original Color
191B0A

Protanomaly
1C1A0A

Deuteranomaly
1D190B

Tritanomaly
1A1A15

Monochromacy



Original Color
191B0A

Achromatopsia
181818

Achromatomaly
181913

CSS Examples

Text

The CSS property to change the color of the text to Hex 191B0A 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 #191B0A looks like.

```
.text, #text, p{  
    color:#191B0A  
}
```

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 #191B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191B0A
}
```

Border

The CSS property to change the border of an element to Hex 191B0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

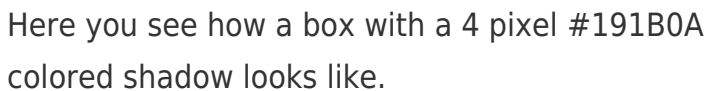
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#191B0A }
```

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

```
.border{ border-color:#191B0A }
```

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



Here you see how a box with a 4 pixel #191B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191B0A; -webkit-box-shadow:4px 4px  
4px 4px #191B0A; box-shadow:4px 4px 4px  
4px #191B0A }
```

Background

The CSS property to change the background color of an element to Hex 191B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191B0A }
```

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

```
.background{ background-color:#191B0A }
```

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