

Converting Colors

Hex(191B04)

Have a look what the booklet for
Hex(191B04) contains.

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Color

Hex(191B04)

Conversions

Conversions Part 1

Format	Color
Hex	191B04
RGB	25, 27, 4
RGB Percent	10%, 11%, 2%
CMY	0.9020, 0.8941, 0.9843
CMYK	0.07, 0.00, 0.85, 0.89
HSL	65°, 74%, 6%
HSV	65°, 85%, 11%
XYZ	0.8148, 0.9993, 0.2648
YIQ	23.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

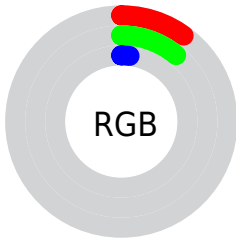
Format	Color
RYB	4, 27, 6
Decimal	1645316
CIELab	8.99, -5.36, 11.70
CIElCh	9, 12.872, 114.588
Yxy	0.9993, 0.3919, 0.4807
Android (android.graphics.Color)	4279835396 (0xFF191B04)
YUV	23.7800, -9.7515, 1.0699
Hunter-Lab	9.9965, -2.9456, 5.4270

Details

The Hex color **191B04** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **06041B**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **434632**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **191B01**, and if you desaturate by 10%, it is **191B07**.

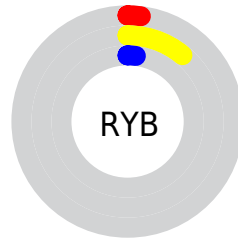
Distribution



Red (10%)

Green (11%)

Blue (2%)



Red (2%)

Yellow (11%)

Blue (2%)

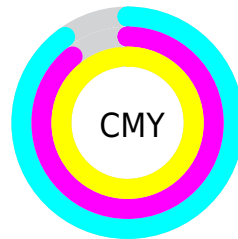


Cyan (7%)

Magenta (0%)

Yellow (85%)

Black (89%)



Cyan (90%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191B04 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 191B04 by changing the saturation by 10% instead.

■ 191B04

■ 191B04

■ FBFE5

■ 000000

■ 434632

■ 5B5E49

■ 737660

■ 8D9079

■ A7AB93

■ C3C6AE

■ DFE2C9

■ 191B04

■ 191B04

■ 191B01

■ 191B07

■ 191B00

■ 191B09

■ 1A1B0C

■ 1A1B0F

■ 1A1B11

■ 1A1B14

■ 1B1B17

■ 1B1B1A

■ 1B1B1C

Harmonies

Analogous

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



211802



191B04



0D1D0E

Triad

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



191B04



001D27



29131B

Complementary

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



191B04



06041B

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.



231524



191B04



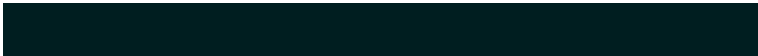
081B2A

Square

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



191B04



001E20



181829



2A1312

Rectangle

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



191B04



041E14



181829



27131E

Sweetspot

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



191B04



23241A



1B0604



11120C



919191



121212

Same Dimension

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



191B04



212400



0E1B04



0D0D0B



464D00



BACC00

Inverse Universe

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



06041B



030024



11041B



0C0B0D



07004D



1200CC

Previews

White Background



This preview shows how the Hex color 191B04 looks on a white background.

Color Contrast Check

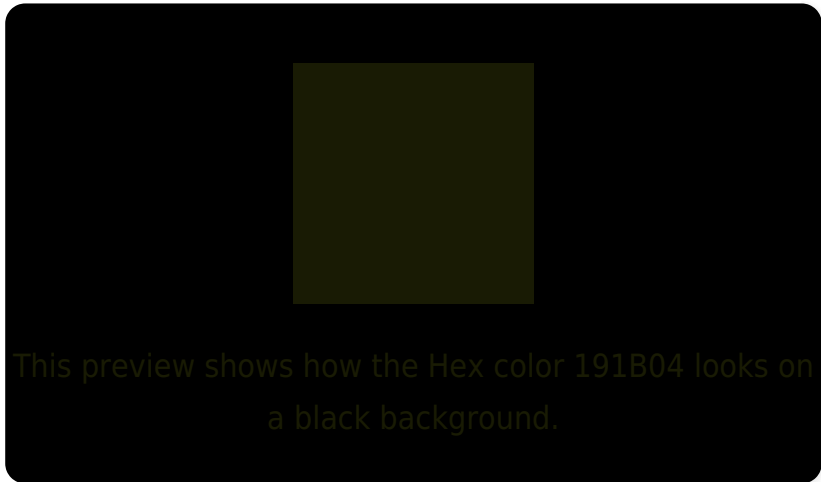
Large Text (above 18pt) WCAG AA ✓ Pass

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

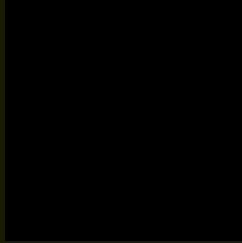
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

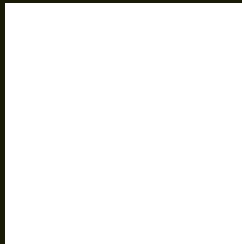
Any Text WCAG AAA × Fail

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

Hex 191B04 Background



This preview shows how black text looks on a background with the Hex color 191B04.

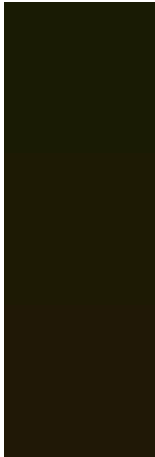


This preview shows how white text looks on a background with the Hex color 191B04.

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
191B04

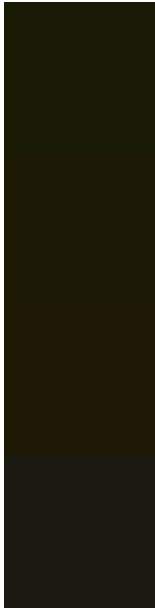
Protanopia
1D1A04

Deuteranopia
201806



Tritanopia
1B191B

Trichromacy



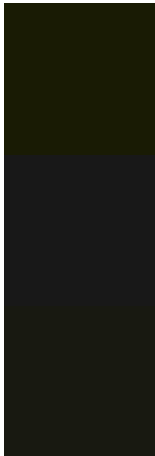
Original Color
191B04

Protanomaly
1C1A04

Deuteranomaly
1D1905

Tritanomaly
1A1A13

Monochromacy



Original Color
191B04

Achromatopsia
181818

Achromatomaly
181911

CSS Examples

Text

The CSS property to change the color of the text to Hex 191B04 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 #191B04 looks like.

```
.text, #text, p{  
    color:#191B04  
}
```

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 #191B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191B04
}
```

Border

The CSS property to change the border of an element to Hex 191B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

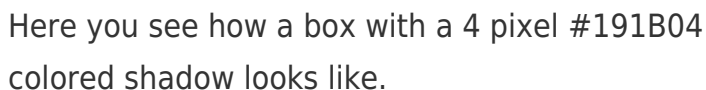
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#191B04 }
```

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

```
.border{ border-color:#191B04 }
```

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



Here you see how a box with a 4 pixel #191B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191B04; -webkit-box-shadow:4px 4px  
4px 4px #191B04; box-shadow:4px 4px 4px  
4px #191B04 }
```

Background

The CSS property to change the background color of an element to Hex 191B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191B04 }
```

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

```
.background{ background-color:#191B04 }
```

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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