

Converting Colors

Hex(1A291A)

Have a look what the booklet for
Hex(1A291A) contains.

Hex(1A291A)	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(1A291A)

Conversions

Conversions Part 1

Format	Color
Hex	1A291A
RGB	26, 41, 26
RGB Percent	10%, 16%, 10%
CMY	0.8980, 0.8392, 0.8980
CMYK	0.37, 0.00, 0.37, 0.84
HSL	120°, 22%, 13%
HSV	120°, 37%, 16%
XYZ	1.4054, 1.8801, 1.2661
YIQ	34.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

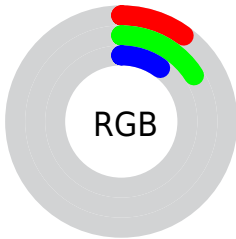
Format	Color
RYB	26, 41, 41
Decimal	1714458
CIELab	14.84, -10.23, 7.87
CIELCh	15, 12.907, 142.427
Yxy	1.8801, 0.3088, 0.4131
Android (android.graphics.Color)	4279904538 (0xFF1A291A)
YUV	34.8050, -4.3409, -7.7220
Hunter-Lab	13.7116, -5.6995, 4.1234

Details

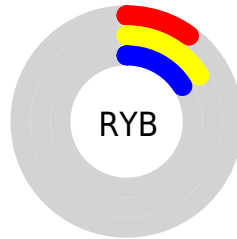
The Hex color **1A291A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **291A29**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **465645**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **162916**, and if you desaturate by 10%, it is **1E291E**.

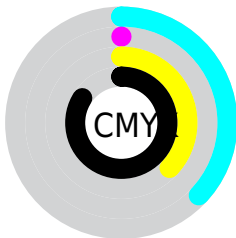
Distribution



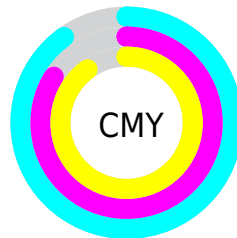
- Red (10%)
- Green (16%)
- Blue (10%)



- Red (10%)
- Yellow (16%)
- Blue (16%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (84%)



- Cyan (90%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A291A 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 1A291A by changing the saturation by 10% instead.

■ 1A291A

■ 1A291A

FFFFFFD

■ 001500

■ 465645

■ 000000

■ 5D6F5D

■ 768875

■ 90A28F

■ ABBDA9

■ C6D9C5

■ E2F6E1

■ 1A291A

■ 1A291A

■ 162916

■ 1E291E

■ 122912

■ 222922

■ 0E290E

■ 262926

■ 0A290A

■ 2A292A

■ 052905

■ 2E292E

■ 012901

■ 332933

■ 002900

■ 372937

■ 3B293B

■ 3F293F

Harmonies

Analogous

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



242714



1A291A



0F2A23

Triad

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



1A291A



152737



371F1F

Complementary

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



1A291A



291A29

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.



351F28



1A291A



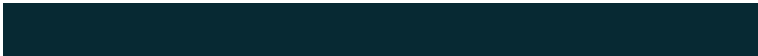
232436

Square

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



1A291A



072933



2F2131



342117

Rectangle

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



1A291A



072A29



2F2131



371E22

Sweetspot

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



1A291A



303630



29291A



181C18



9C9C9C



1C1C1C

Same Dimension

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



1A291A



1E361E



1A2921



121412



005400



00D400

Inverse Universe

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



291A29



361E36



291A21



141214



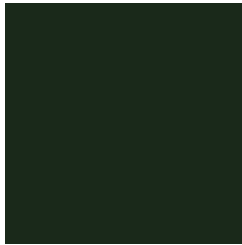
540054



D400D4

Previews

White Background



This preview shows how the Hex color 1A291A 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

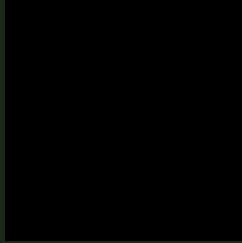
Any Text WCAG AA × Fail

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 1A291A Background



This preview shows how black text looks on a background with the Hex color 1A291A.

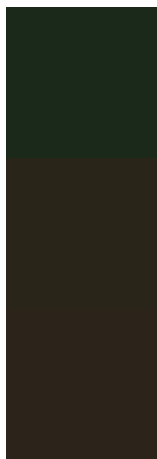


This preview shows how white text looks on a background with the Hex color 1A291A.

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

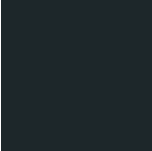
1A291A

Protanopia

292519

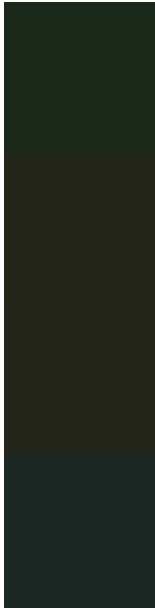
Deuteranopia

2C241B



Tritanopia
1D272A

Trichromacy



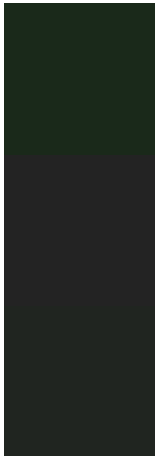
Original Color
1A291A

Protanomaly
242619

Deuteranomaly
25261B

Tritanomaly
1C2824

Monochromacy



Original Color
1A291A

Achromatopsia
232323

Achromatomaly
202520

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A291A 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 #1A291A looks like.

```
.text, #text, p{  
    color:#1A291A  
}
```

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 #1A291A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A291A
}
```

Border

The CSS property to change the border of an element to Hex 1A291A is called "border". The border property can be set on classes, ids or directly on the HTML element.

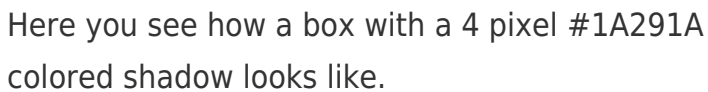
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A291A }
```

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

```
.border{ border-color:#1A291A }
```

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



Here you see how a box with a 4 pixel #1A291A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A291A; -webkit-box-shadow:4px 4px  
4px 4px #1A291A; box-shadow:4px 4px 4px  
4px #1A291A }
```

Background

The CSS property to change the background color of an element to Hex 1A291A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A291A }
```

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

```
.background{ background-color:#1A291A }
```

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