

# Converting Colors

Hex(1A2419)

Have a look what the booklet for  
Hex(1A2419) contains.

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# Color

**Hex(1A2419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A2419
RGB	26, 36, 25
RGB Percent	10%, 14%, 10%
CMY	0.8980, 0.8588, 0.9020
CMYK	0.28, 0.00, 0.31, 0.86
HSL	115°, 18%, 12%
HSV	115°, 31%, 14%
XYZ	1.2323, 1.5516, 1.1542
YIQ	31.7560, -2.4290, -5.5410

# Conversions

## Conversions Part 2

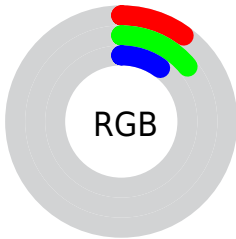
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 36, 35
Decimal	1713177
CIELab	12.93, -7.24, 5.95
CIElCh	13, 9.373, 140.611
Yxy	1.5516, 0.3129, 0.3940
Android (android.graphics.Color)	4279903257 (0xFF1A2419)
YUV	31.7560, -3.3307, -5.0480
Hunter-Lab	12.4561, -4.1383, 3.2253

# Details

The Hex color **1A2419** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231924**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **455144**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **172415**, and if you desaturate by 10%, it is **1D241D**.

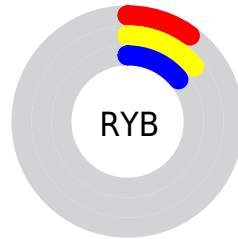
# Distribution



Red (10%)

Green (14%)

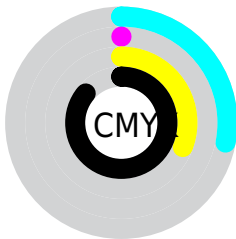
Blue (10%)



Red (10%)

Yellow (14%)

Blue (14%)

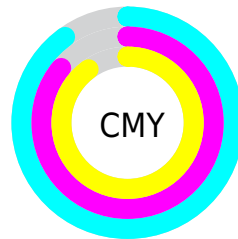


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (86%)



Cyan (90%)

Magenta (86%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A2419 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 1A2419 by changing the saturation by 10% instead.



■ 1A2419

■ 1A2419

■ FEFFFC

■ 000F00

■ 455144

■ 000000

■ 5D695B

■ 768274

■ 8F9C8E

■ AAB7A8

■ C5D2C3

■ E1EFDf

■ 1A2419

■ 1A2419

■ 172415

■ 1D241D

■ 132412

■ 212420

■ 10240E

■ 242424

■ 0D240B

■ 272427

■ 0A2407

■ 2A242B

■ 062403

■ 2E242F

■ 032400

■ 312432

■ 342436

■ 372439

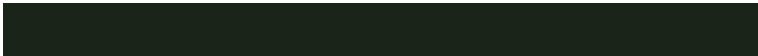
# Harmonies

## Analogous

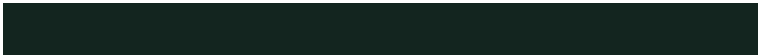
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212215



1A2419



13251F

# Triad

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



1A2419



16232E



2F1D1D

# Complementary

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



1A2419



231924

# 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.



2D1D24



1A2419



20202D

# Square

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



1A2419



0F242B



281E2A



2D1E18

# Rectangle

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



1A2419



0F2524



281E2A



2E1D1F



# Sweetspot

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



1A2419



2A2E2A



242319



151714



969696



171717



# Same Dimension

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



1A2419



1E2E1D



19241D



101210



075200



13D100



# Inverse Universe

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



231924



2C1D2E



241920



121012



4A0052

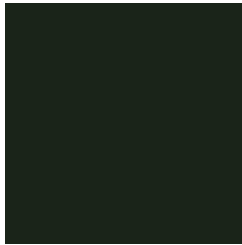


BE00D1



# Previews

## White Background



This preview shows how the Hex color 1A2419 looks on a white background.

## Color Contrast Check

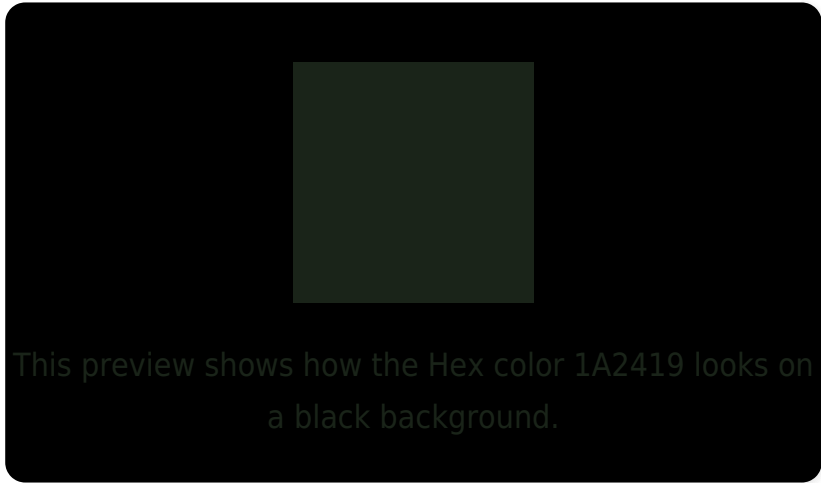
Large Text (above 18pt) WCAG AA ✓ Pass

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

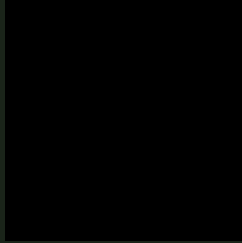
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A2419 Background



This preview shows how black text looks on a background with the Hex color 1A2419.

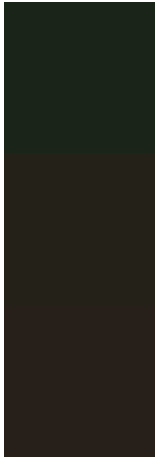


This preview shows how white text looks on a background with the Hex color 1A2419.

# 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



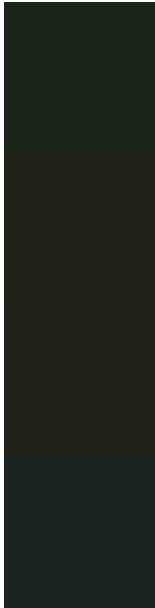
**Original Color**  
1A2419

**Protanopia**  
242118

**Deuteranopia**  
27201A



# Trichromacy



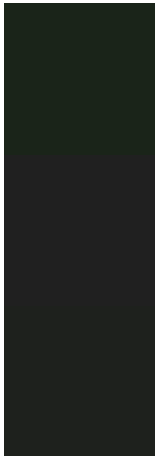
**Original Color**  
1A2419

**Protanomaly**  
202218

**Deuteranomaly**  
22211A

**Tritanomaly**  
1B2321

# Monochromacy



**Original Color**  
1A2419

**Achromatopsia**  
202020

**Achromatomaly**  
1E211D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A2419 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 #1A2419 looks like.

```
.text, #text, p{  
    color:#1A2419  
}
```

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 #1A2419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2419
}
```

## Border

The CSS property to change the border of an element to Hex 1A2419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

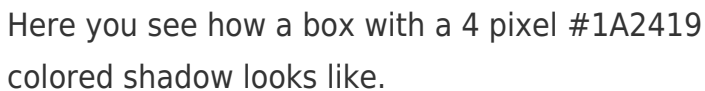
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A2419 }
```

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

```
.border{ border-color:#1A2419 }
```

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



Here you see how a box with a 4 pixel #1A2419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2419; -webkit-box-shadow:4px 4px  
4px 4px #1A2419; box-shadow:4px 4px 4px  
4px #1A2419 }
```

# Background

The CSS property to change the background color of an element to Hex 1A2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2419 }
```

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

```
.background{ background-color:#1A2419 }
```

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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