

Converting Colors

Hex(1A231E)

Have a look what the booklet for
Hex(1A231E) contains.

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Color

Hex(1A231E)

Conversions

Conversions Part 1

Format	Color
Hex	1A231E
RGB	26, 35, 30
RGB Percent	10%, 14%, 12%
CMY	0.8980, 0.8627, 0.8824
CMYK	0.26, 0.00, 0.14, 0.86
HSL	147°, 15%, 12%
HSV	147°, 26%, 14%
XYZ	1.2614, 1.5154, 1.4543
YIQ	31.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

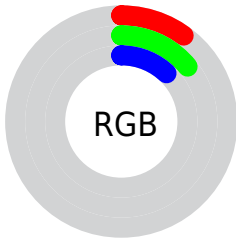
Format	Color
RYB	26, 32, 35
Decimal	1712926
CIELab	12.71, -5.35, 2.04
CIElCh	13, 5.729, 159.142
Yxy	1.5154, 0.2981, 0.3582
Android (android.graphics.Color)	4279903006 (0xFF1A231E)
YUV	31.7390, -0.8573, -5.0331
Hunter-Lab	12.3102, -3.2527, 1.6127

Details

The Hex color **1A231E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231A1F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **454F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17231C**, and if you desaturate by 10%, it is **1D2320**.

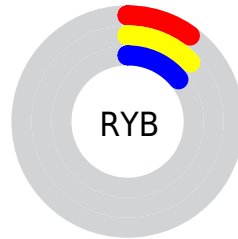
Distribution



Red (10%)

Green (14%)

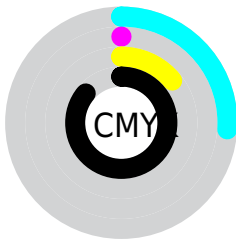
Blue (12%)



Red (10%)

Yellow (13%)

Blue (14%)

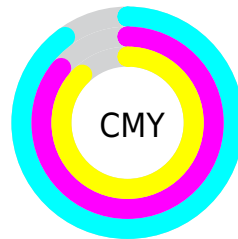


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (86%)



Cyan (90%)

Magenta (86%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A231E 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 1A231E by changing the saturation by 10% instead.

■ 1A231E

■ 1A231E

■ FDFFF

■ 000D05

■ 454F4A

■ 000000

■ 5D6761

■ 75807A

■ 8F9A94

■ AAB5AE

■ C5D1CA

■ E1EDE6

■ 1A231E

■ 1A231E

■ 17231C

■ 1D2320

■ 13231A

■ 212322

■ 0F2318

■ 252324

■ 0C2316

■ 282326

■ 082314

■ 2C2328

■ 052312

■ 2F232A

■ 012310

■ 33232C

■ 002310

■ 36232E

■ 3A2330

Harmonies

Analogous

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



1E221B



1A231E



172322

Triad

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



1A231E



1E2129



291F1C

Complementary

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



1A231E



231A1F

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.



291E20



1A231E



232027

Square

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



1A231E



192228



271F24



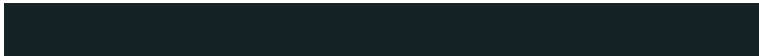
27201A

Rectangle

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



1A231E



162325



271F24



291E1D

Sweetspot

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



1A231E



2A2E2C



1F231A



151716



969696



171717

Same Dimension

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



1A231E



202E26



1A2322



101211



005224



00D15D

Inverse Universe

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



231A1F



2E2028



231A1B



121011



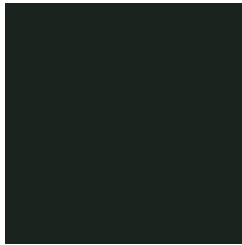
52002D



D10074

Previews

White Background



This preview shows how the Hex color 1A231E looks on a white background.

Color Contrast Check

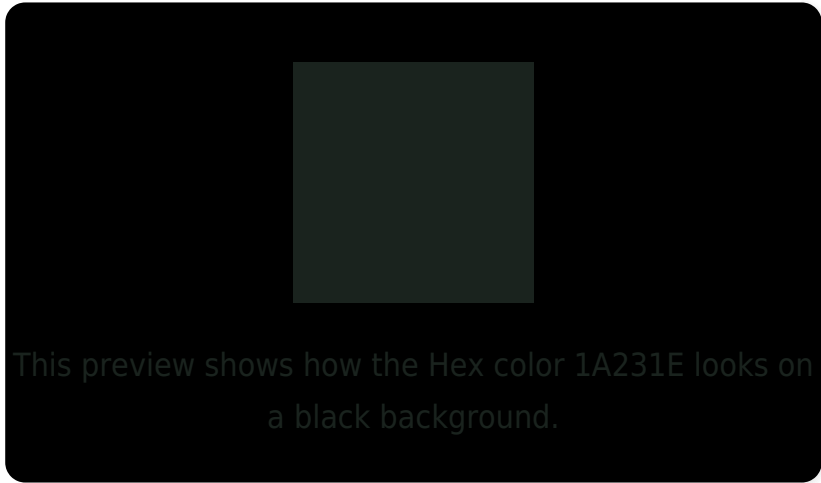
Large Text (above 18pt) WCAG AA ✓ Pass

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

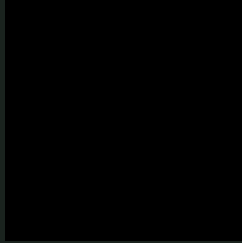
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

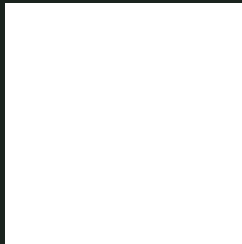
Any Text WCAG AAA × Fail

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

Hex 1A231E Background



This preview shows how black text looks on a background with the Hex color 1A231E.

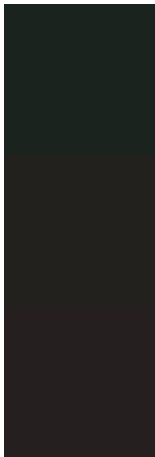


This preview shows how white text looks on a background with the Hex color 1A231E.

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
1A231E

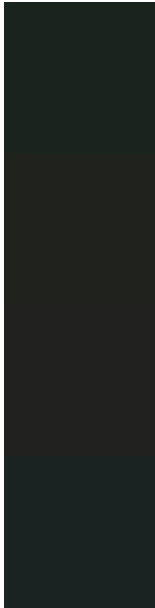
Protanopia
22211D

Deuteranopia
25201F



Tritanopia
1B2225

Trichromacy



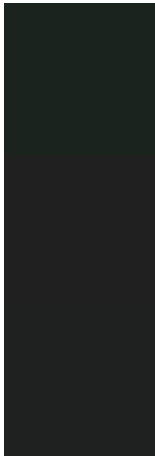
Original Color
1A231E

Protanomaly
1F221D

Deuteranomaly
21211F

Tritanomaly
1B2222

Monochromacy



Original Color
1A231E

Achromatopsia
202020

Achromatomaly
1E211F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A231E 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 #1A231E looks like.

```
.text, #text, p{  
    color:#1A231E  
}
```

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 #1A231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A231E
}
```

Border

The CSS property to change the border of an element to Hex 1A231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

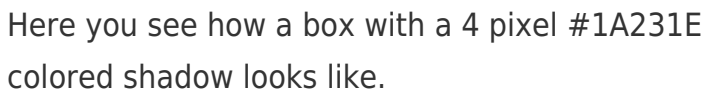
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A231E }
```

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

```
.border{ border-color:#1A231E }
```

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



Here you see how a box with a 4 pixel #1A231E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A231E; -webkit-box-shadow:4px 4px  
4px 4px #1A231E; box-shadow:4px 4px 4px  
4px #1A231E }
```

Background

The CSS property to change the background color of an element to Hex 1A231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A231E }
```

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

```
.background{ background-color:#1A231E }
```

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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