

Converting Colors

Hex(1A3828)

Have a look what the booklet for
Hex(1A3828) contains.

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Color

Hex(1A3828)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1A3828 |
| RGB | 26, 56, 40 |
| RGB Percent | 10%, 22%, 16% |
| CMY | 0.8980, 0.7804, 0.8431 |
| CMYK | 0.54, 0.00, 0.29, 0.78 |
| HSL | 148°, 37%, 16% |
| HSV | 148°, 54%, 22% |
| XYZ | 2.2232, 3.2012, 2.5082 |
| YIQ | 45.2060, -12.7440, -11.3360 |

Conversions

Conversions Part 2

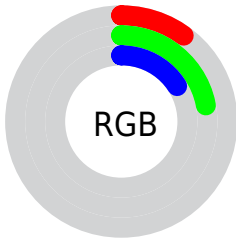
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 26, 46, 56 |
| Decimal | 1718312 |
| CIE Lab | 20.83, -15.77, 6.60 |
| CIE LCh | 21, 17.091, 157.294 |
| Yxy | 3.2012, 0.2803, 0.4035 |
| Android (android.graphics.Color) | 4279908392 (0xFF1A3828) |
| YUV | 45.2060, -2.5666, -16.8437 |
| Hunter-Lab | 17.8918, -9.1308, 4.2126 |

Details

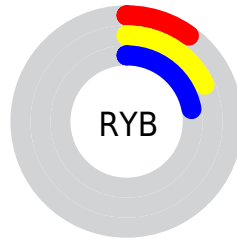
The Hex color **1A3828** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **381A2A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **486755**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **143825**, and if you desaturate by 10%, it is **20382B**.

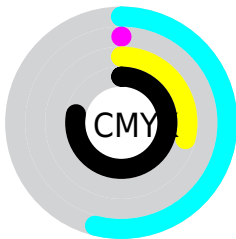
Distribution



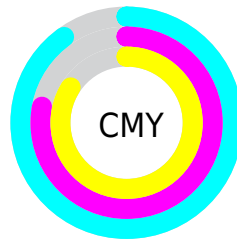
- Red (10%)
- Green (22%)
- Blue (16%)



- Red (10%)
- Yellow (18%)
- Blue (22%)



- Cyan (54%)
- Magenta (0%)
- Yellow (29%)
- Black (78%)



- Cyan (90%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3828 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 1A3828 by changing the saturation by 10% instead.

■ 1A3828

■ 1A3828

FFFFFF

■ 042214

■ 486755

■ 000600

■ 60806D

■ 000000

■ 799A87

■ 93B5A1

■ AED1BC

■ C9EDD8

■ E6FFF4

■ 1A3828

■ 1A3828

■ 143825

■ 20382B

■ 0F3822

■ 25382E

■ 09381F

■ 2B3831

■ 04381C

■ 303834

■ 00381A

■ 363837

■ 3C383A

■ 41383D

■ 473840

■ 4C3843

Harmonies

Analogous

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



2A361E



1A3828



063935

Triad

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



1A3828



25324B



492A24

Complementary

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



1A3828



381A2A

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.



4A282F



1A3828



372E46

Square

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



1A3828



0C3649



442A3C



422E1B

Rectangle

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



1A3828



00393D



442A3C



4A2927

Sweetspot

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



1A3828



3E4A44



2A381A



1F2622



A6A6A6



262626

Same Dimension

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



1A3828



1B4A31



1A3837



191C1B



005C2B



00DB66

Inverse Universe

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



381A2A



4A1B34



381A1B



1C191B



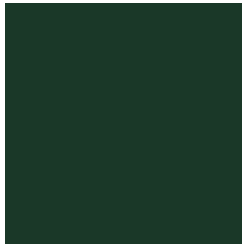
5C0031



DB0075

Previews

White Background



This preview shows how the Hex color 1A3828 looks on a white background.

Color Contrast Check

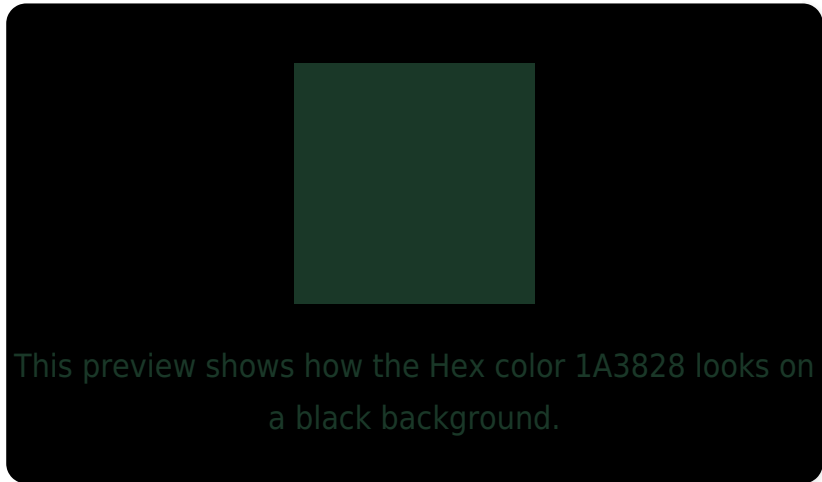
Large Text (above 18pt) WCAG AA ✓ Pass

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

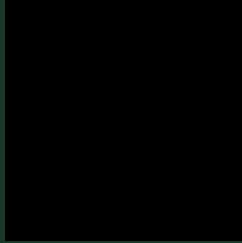
Any Text WCAG AA × Fail

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 1A3828 Background



This preview shows how black text looks on a background with the Hex color 1A3828.



This preview shows how white text looks on a background with the Hex color 1A3828.

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](#).

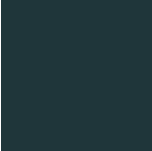
Dichromacy



Original Color
1A3828

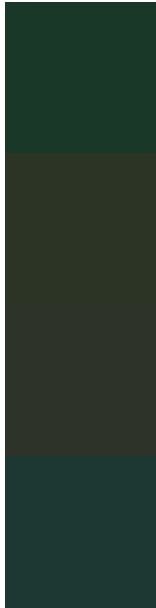
Protanopia
363225

Deuteranopia
3A302A



Tritanopia
1F363A

Trichromacy



Original Color
1A3828

Protanomaly
2C3426

Deuteranomaly
2E3329

Tritanomaly
1D3733

Monochromacy



Original Color
1A3828

Achromatopsia
2D2D2D

Achromatomaly
26312B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3828 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 #1A3828 looks like.

```
.text, #text, p{  
    color:#1A3828  
}
```

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 #1A3828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3828
}
```

Border

The CSS property to change the border of an element to Hex 1A3828 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".

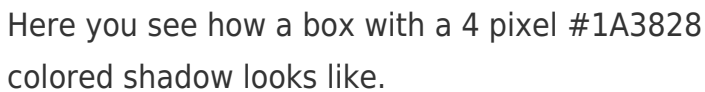
```
.border, #border, table{ border:4px solid
#1A3828 }
```

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

```
.border{ border-color:#1A3828 }
```

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

Here you see how a box with a 4 pixel #1A3828 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3828; -webkit-box-shadow:4px 4px  
4px 4px #1A3828; box-shadow:4px 4px 4px  
4px #1A3828 }
```

Background

The CSS property to change the background color of an element to Hex 1A3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3828 }
```

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

```
.background{ background-color:#1A3828 }
```

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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