

Converting Colors

Hex(1B3A37)

Have a look what the booklet for
Hex(1B3A37) contains.

Hex(1B3A37)	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(1B3A37)

Conversions

Conversions Part 1

Format	Color
Hex	1B3A37
RGB	27, 58, 55
RGB Percent	11%, 23%, 22%
CMY	0.8941, 0.7725, 0.7843
CMYK	0.53, 0.00, 0.05, 0.77
HSL	174°, 36%, 17%
HSV	174°, 53%, 23%
XYZ	2.6546, 3.5350, 4.1568
YIQ	48.3890, -17.5130, -7.5050

Conversions

Conversions Part 2

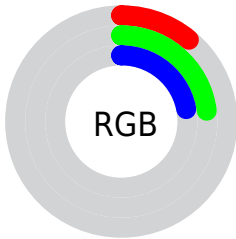
Format	Color
R_{YB}	27, 43, 58
Decimal	1784375
CIE _{Lab}	22.07, -12.39, -1.71
CIE _{LCh}	22, 12.510, 187.835
Yxy	3.5350, 0.2566, 0.3417
Android (android.graphics.Color)	4279974455 (0xFF1B3A37)
YUV	48.3890, 3.2592, -18.7582
Hunter-Lab	18.8015, -7.6996, 0.0526

Details

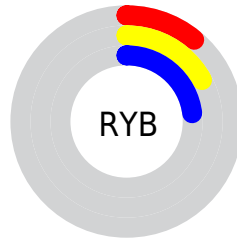
The Hex color **1B3A37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1B1E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **496966**, and **000E0B** is the 20% darker color. If you saturate the color by 10%, you get **153A36**, and if you desaturate by 10%, it is **213A38**.

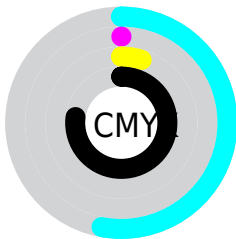
Distribution



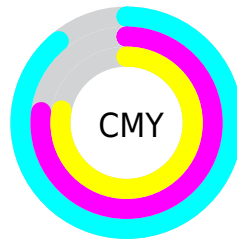
- Red (11%)
- Green (23%)
- Blue (22%)



- Red (11%)
- Yellow (17%)
- Blue (23%)



- Cyan (53%)
- Magenta (0%)
- Yellow (5%)
- Black (77%)



- Cyan (89%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3A37 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 1B3A37 by changing the saturation by 10% instead.

■ 1B3A37

■ 1B3A37

FFFFFF

■ 042422

■ 496966

■ 000E0B

■ 62827F

■ 000000

■ 7B9D99

■ 95B8B3

■ B0D3CF

■ CCF0EB

■ E8FFFF

■ 1B3A37

■ 1B3A37

■ 153A36

■ 213A38

■ 0F3A36

■ 273A38

■ 0A3A35

■ 2C3A39

■ 043A35

■ 323A39

■ 003A34

■ 383A3A

■ 3E3A3A

■ 443A3B

■ 493A3B

■ 4F3A3C

Harmonies

Analogous

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



24392E



1B3A37



183940

Triad

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



1B3A37



393243



413224

Complementary

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



1B3A37



3A1B1E

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.



472F2A



1B3A37



432F3C

Square

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



1B3A37



2D3547



472E33



393522

Rectangle

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



1B3A37



1C3844



472E33



443125

Sweetspot

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



1B3A37



404D4B



1E3A1B



1F2626



A6A6A6



262626

Same Dimension

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



1B3A37



1C4D48



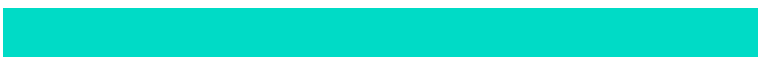
1B2E3A



191C1C



005C53



00DBC6

Inverse Universe

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



3A1B1E



4D1C20



3A271B



1C191A



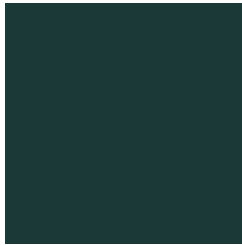
5C0009



DB0015

Previews

White Background



This preview shows how the Hex color 1B3A37 looks on a white background.

Color Contrast Check

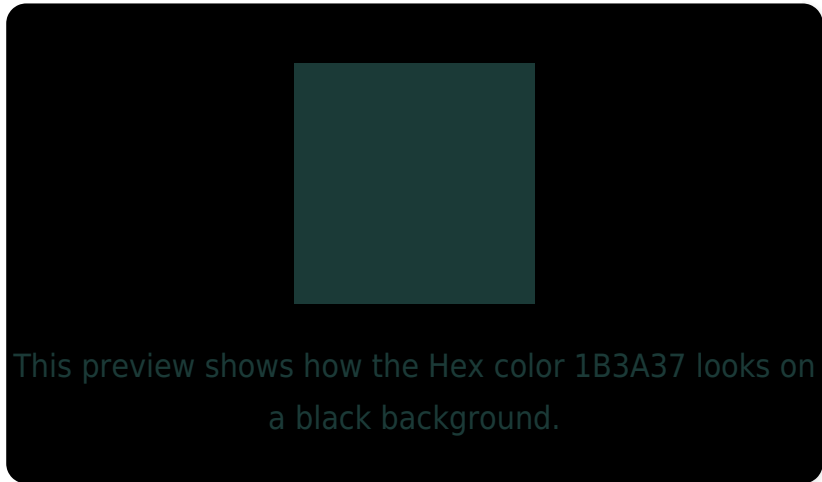
Large Text (above 18pt) WCAG AA ✓ Pass

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

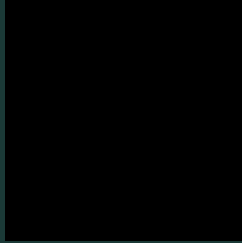
Any Text WCAG AA × Fail

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 1B3A37 Background



This preview shows how black text looks on a background with the Hex color 1B3A37.



This preview shows how white text looks on a background with the Hex color 1B3A37.

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](#).

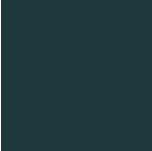
Dichromacy



Original Color
1B3A37

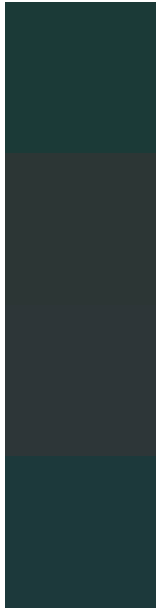
Protanopia
363434

Deuteranopia
383338



Tritanopia
1D393E

Trichromacy



Original Color
1B3A37

Protanomaly
2C3635

Deuteranomaly
2D3638

Tritanomaly
1C393B

Monochromacy



Original Color
1B3A37

Achromatopsia
303030

Achromatomaly
283433

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3A37 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 #1B3A37 looks like.

```
.text, #text, p{  
    color:#1B3A37  
}
```

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 #1B3A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3A37
}
```

Border

The CSS property to change the border of an element to Hex 1B3A37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

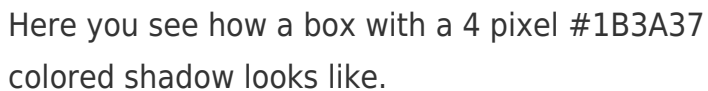
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B3A37 }
```

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

```
.border{ border-color:#1B3A37 }
```

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



Here you see how a box with a 4 pixel #1B3A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3A37; -webkit-box-shadow:4px 4px  
4px 4px #1B3A37; box-shadow:4px 4px 4px  
4px #1B3A37 }
```

Background

The CSS property to change the background color of an element to Hex 1B3A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3A37 }
```

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

```
.background{ background-color:#1B3A37 }
```

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