

Converting Colors

Hex(1B4A37)

Have a look what the booklet for
Hex(1B4A37) contains.

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Color

Hex(1B4A37)

Conversions

Conversions Part 1

Format	Color
Hex	1B4A37
RGB	27, 74, 55
RGB Percent	11%, 29%, 22%
CMY	0.8941, 0.7098, 0.7843
CMYK	0.64, 0.00, 0.26, 0.71
HSL	156°, 47%, 20%
HSV	156°, 64%, 29%
XYZ	3.5904, 5.4064, 4.4687
YIQ	57.7810, -21.9130, -15.8730

Conversions

Conversions Part 2

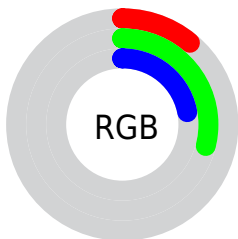
Format	Color
R_{YB}	27, 56, 74
Decimal	1788471
CIE _{Lab}	27.86, -21.30, 6.64
CIE _{LCh}	28, 22.307, 162.690
Yxy	5.4064, 0.2666, 0.4015
Android (android.graphics.Color)	4279978551 (0xFF1B4A37)
YUV	57.7810, -1.3710, -26.9949
Hunter-Lab	23.2517, -13.1277, 4.8812

Details

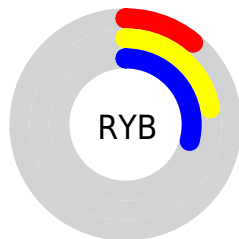
The Hex color **1B4A37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A1B2E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4C7B66**, and **001F0B** is the 20% darker color. If you saturate the color by 10%, you get **144A34**, and if you desaturate by 10%, it is **224A3A**.

Distribution



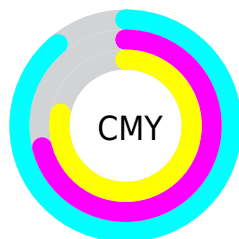
- Red (11%)
- Green (29%)
- Blue (22%)



- Red (11%)
- Yellow (22%)
- Blue (29%)



- Cyan (64%)
- Magenta (0%)
- Yellow (26%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4A37 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 1B4A37 by changing the saturation by 10% instead.



1B4A37



1B4A37

FFFFFF



003322



4C7B66



001F0B



65957F



000000



7FB099



99CBB3



B4E8CF



D0FFEB



EDFFFF



1B4A37



1B4A37

■ 144A34

■ 224A3A

■ 0C4A31

■ 2A4A3D

■ 054A2E

■ 314A40

■ 004A2C

■ 394A43

■ 404A46

■ 474A49

■ 4F4A4C

■ 564A4F

■ 5E4A52

Harmonies

Analogous

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



324728



1B4A37



004B49

Triad

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



1B4A37



344163



5F372B

Complementary

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



1B4A37



4A1B2E

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.



63343B



1B4A37



4D3B5B

Square

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



1B4A37



0F4662



5D354C



553D21

Rectangle

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



1B4A37



004A54



5D354C



613630

Sweetspot

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



1B4A37



4E6159



2F4A1B



25302C



B0B0B0



303030

Same Dimension

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



1B4A37



176143



1B464A



222625



00663D



00E689

Inverse Universe

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



4A1B2E



611735



4A1F1B



262224



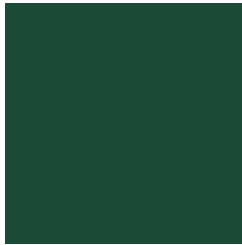
660029



E6005D

Previews

White Background



This preview shows how the Hex color 1B4A37 looks on a white background.

Color Contrast Check

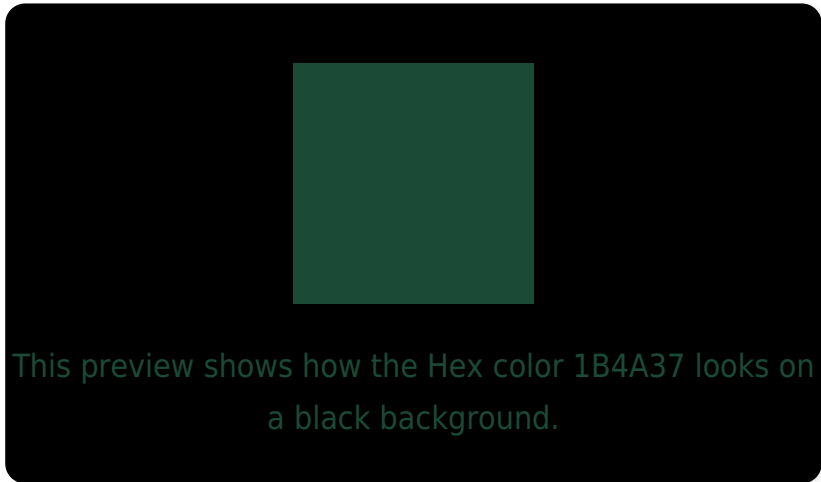
Large Text (above 18pt) WCAG AA ✓ Pass

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

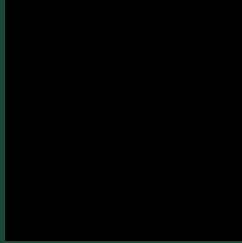
Any Text WCAG AA × Fail

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 1B4A37 Background



This preview shows how black text looks on a background with the Hex color 1B4A37.



This preview shows how white text looks on a background with the Hex color 1B4A37.

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
1B4A37

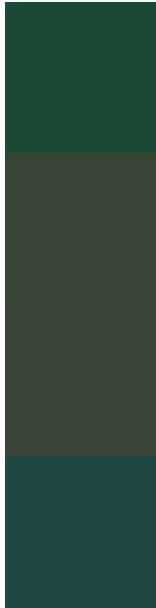
Protanopia
464233

Deuteranopia
4B3F39



Tritanopia
23474D

Trichromacy



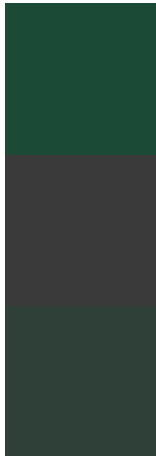
Original Color
1B4A37

Protanomaly
364534

Deuteranomaly
3A4338

Tritanomaly
204845

Monochromacy



Original Color
1B4A37

Achromatopsia
3A3A3A

Achromatomaly
2F4039

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4A37 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 #1B4A37 looks like.

```
.text, #text, p{  
    color:#1B4A37  
}
```

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 #1B4A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4A37
}
```

Border

The CSS property to change the border of an element to Hex 1B4A37 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
#1B4A37 }
```

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

```
.border{ border-color:#1B4A37 }
```

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

Here you see how a box with a 4 pixel #1B4A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4A37; -webkit-box-shadow:4px 4px  
4px 4px #1B4A37; box-shadow:4px 4px 4px  
4px #1B4A37 }
```

Background

The CSS property to change the background color of an element to Hex 1B4A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4A37 }
```

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

```
.background{ background-color:#1B4A37 }
```

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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