

# Converting Colors

Hex(1B4F3E)

Have a look what the booklet for  
Hex(1B4F3E) contains.

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# Color

Hex(1B4F3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	1B4F3E
RGB	27, 79, 62
RGB Percent	11%, 31%, 24%
CMY	0.8941, 0.6902, 0.7569
CMYK	0.66, 0.00, 0.22, 0.69
HSL	160°, 49%, 21%
HSV	160°, 66%, 31%
XYZ	4.1175, 6.1728, 5.5319
YIQ	61.5140, -25.5350, -16.3110

# Conversions

## Conversions Part 2

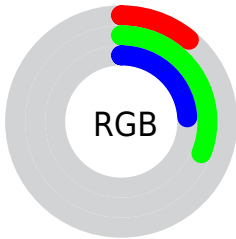
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 58, 79
Decimal	1789758
CIE Lab	29.84, -22.00, 4.97
CIE LCh	30, 22.554, 167.277
Yxy	6.1728, 0.2602, 0.3901
Android (android.graphics.Color)	4279979838 (0xFF1B4F3E)
YUV	61.5140, 0.2396, -30.2688
Hunter-Lab	24.8451, -13.8968, 4.1903




# Details

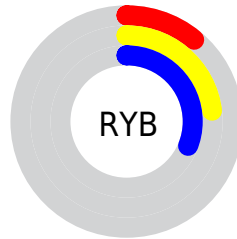
The Hex color **1B4F3E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F1B2C**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **4D816D**, and **002214** is the 20% darker color. If you saturate the color by 10%, you get **134F3B**, and if you desaturate by 10%, it is **234F41**.

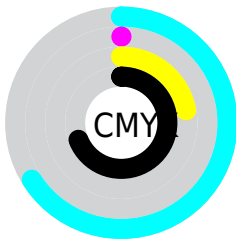
# Distribution







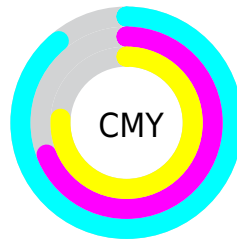
-  Red (11%)
-  Green (31%)
-  Blue (24%)






-  Red (11%)
-  Yellow (23%)
-  Blue (31%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (69%)



-  Cyan (89%)
-  Magenta (69%)
-  Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B4F3E 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 1B4F3E by changing the saturation by 10% instead.



 1B4F3E

 1B4F3E

FFFFFF

 003828

 4D816D

 002214

 669B87

 000000

 80B6A1

 9BD1BC

 B6EED8

 D2FFF4

 EFFFFFF

 1B4F3E

 1B4F3E

■ 134F3B

■ 234F41

■ 0B4F39

■ 2B4F43

■ 034F36

■ 334F46

■ 004F35

■ 3B4F48

■ 434F4B

■ 4A4F4D

■ 524F50

■ 5A4F53

■ 624F55

# Harmonies

## Analogous

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



344D2E



1B4F3E



004F50

# Triad

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



1B4F3E



3D4568



643D2D

# Complementary

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



1B4F3E



4F1B2C

# 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.



68393D



1B4F3E



553E5E

# Square

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



1B4F3E



1B4A68



63394F



584324

# Rectangle

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



1B4F3E



004F5B



63394F



663B32



# Sweetspot

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



1B4F3E



52665F



2C4F1B



27332F



B3B3B3



333333



# Same Dimension

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



1B4F3E



15664C



1B464F



222625



006645



00E69A



# Inverse Universe

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



4F1B2C



661530



4F241B



262224



660021



E6004B



# Previews

## White Background



This preview shows how the Hex color 1B4F3E looks on a white background.

## Color Contrast Check

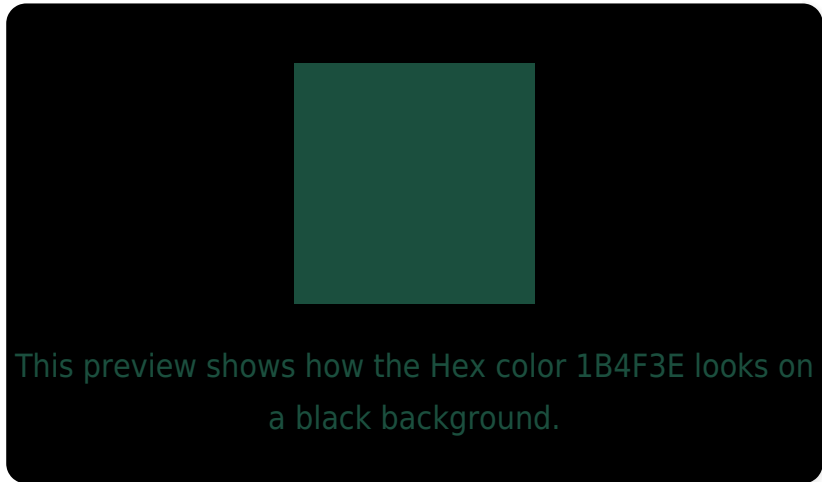
Large Text (above 18pt) WCAG AA ✓ Pass

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

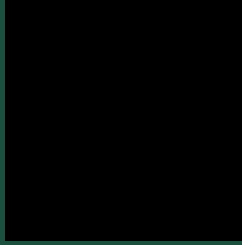
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1B4F3E Background



This preview shows how black text looks on a background with the Hex color 1B4F3E.



This preview shows how white text looks on a background with the Hex color 1B4F3E.

# 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**  
1B4F3E

**Protanopia**  
4A463A

**Deuteranopia**  
4F4440



# Trichromacy



**Original Color**  
1B4F3E

**Protanomaly**  
39493B

**Deuteranomaly**  
3C483F

**Tritanomaly**  
204D4B

# Monochromacy



**Original Color**  
1B4F3E

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
31443E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B4F3E 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 #1B4F3E looks like.

```
.text, #text, p{  
    color:#1B4F3E  
}
```

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 #1B4F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4F3E
}
```

## Border

The CSS property to change the border of an element to Hex 1B4F3E 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".

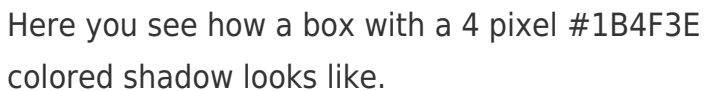
```
.border, #border, table{ border:4px solid
#1B4F3E }
```

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

```
.border{ border-color:#1B4F3E }
```

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

Here you see how a box with a 4 pixel #1B4F3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4F3E; -webkit-box-shadow:4px 4px  
4px 4px #1B4F3E; box-shadow:4px 4px 4px  
4px #1B4F3E }
```

# Background

The CSS property to change the background color of an element to Hex 1B4F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4F3E }
```

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

```
.background{ background-color:#1B4F3E }
```

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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