

# Converting Colors

Hex(1B5147)

Have a look what the booklet for  
Hex(1B5147) contains.

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# Color

**Hex(1B5147)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B5147
RGB	27, 81, 71
RGB Percent	11%, 32%, 28%
CMY	0.8941, 0.6824, 0.7216
CMYK	0.67, 0.00, 0.12, 0.68
HSL	169°, 50%, 21%
HSV	169°, 67%, 32%
XYZ	4.5318, 6.5728, 6.9911
YIQ	63.7140, -28.9740, -14.5580

# Conversions

## Conversions Part 2

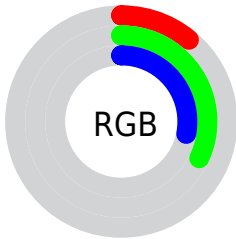
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 57, 81
Decimal	1790279
CIELab	30.81, -20.48, 0.63
CIELCh	31, 20.487, 178.245
Yxy	6.5728, 0.2504, 0.3632
Android (android.graphics.Color)	4279980359 (0xFF1B5147)
YUV	63.7140, 3.5920, -32.1982
Hunter-Lab	25.6375, -13.3134, 1.7785

# Details

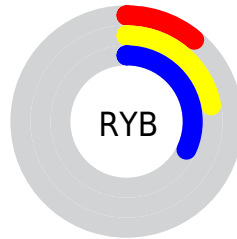
The Hex color **1B5147** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **511B25**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4E8377**, and **00241C** is the 20% darker color. If you saturate the color by 10%, you get **135146**, and if you desaturate by 10%, it is **235149**.

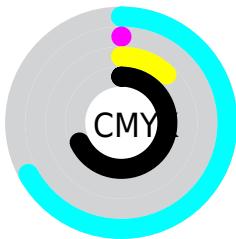
# Distribution



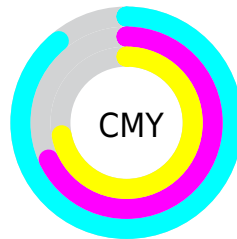
- Red (11%)
- Green (32%)
- Blue (28%)



- Red (11%)
- Yellow (22%)
- Blue (32%)



- Cyan (67%)
- Magenta (0%)
- Yellow (12%)
- Black (68%)



- Cyan (89%)
- Magenta (68%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B5147 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 1B5147 by changing the saturation by 10% instead.





1B5147



1B5147

FFFFFF



003A31



4E8377



00241C



679D91



000601



82B8AB



000000



9CD4C7



B8F0E3



D4FFFF



F1FFFF



1B5147



1B5147

■ 135146

■ 235149

■ 0B5144

■ 2B514A

■ 035143

■ 33514C

■ 005142

■ 3B514D

■ 44514F

■ 4C5150

■ 545152

■ 5C5153

■ 645155

# Harmonies

## Analogous

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



314F37



1B5147



055157

# Triad

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



1B5147



494565



61422E

# Complementary

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



1B5147



511B25

# 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.



673D3A



1B5147



5C3F5A

# Square

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



1B5147



304A68



663C4A



544728

# Rectangle

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



1B5147



0A5060



663C4A



644031



# Sweetspot

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



1B5147



546965



26511B



293633



B5B5B5



363636



# Same Dimension

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



1B5147



156959



1B4151



252928



006955



00E8BD



# Inverse Universe

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



511B25



691524



512B1B



292525



690013



E8002B



# Previews

## White Background



This preview shows how the Hex color 1B5147 looks on a white background.

## Color Contrast Check

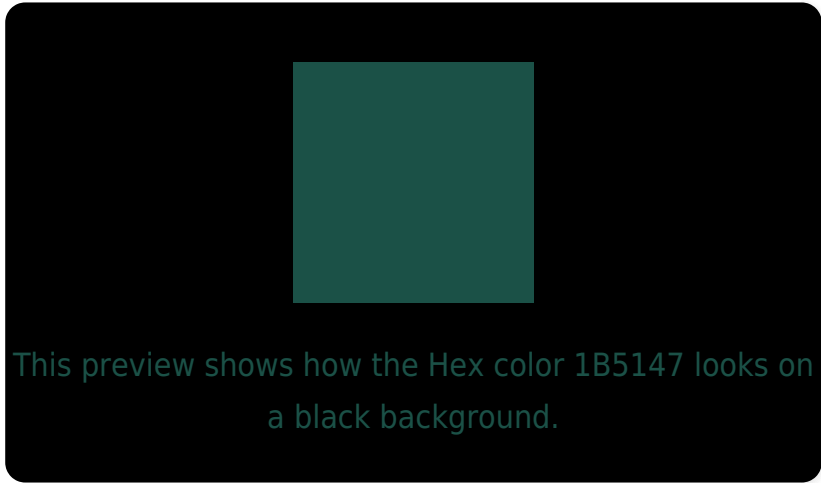
Large Text (above 18pt) WCAG AA ✓ Pass

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

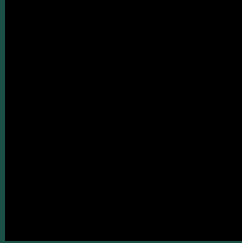
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1B5147 Background



This preview shows how black text looks on a background with the Hex color 1B5147.



This preview shows how white text looks on a background with the Hex color 1B5147.

# 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**  
1B5147

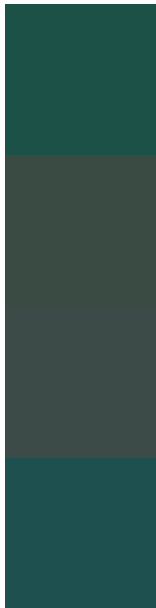
**Protanopia**  
4B4842

**Deuteranopia**  
4F4649



**Tritanopia**  
224F55

# Trichromacy



**Original Color**  
1B5147

**Protanomaly**  
3A4B44

**Deuteranomaly**  
3C4A48

**Tritanomaly**  
1F5050

# Monochromacy



**Original Color**  
1B5147

**Achromatopsia**  
404040

**Achromatomaly**  
334643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B5147 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 #1B5147 looks like.

```
.text, #text, p{  
    color:#1B5147  
}
```

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 #1B5147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5147
}
```

## Border

The CSS property to change the border of an element to Hex 1B5147 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
#1B5147 }
```

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

```
.border{ border-color:#1B5147 }
```

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

Here you see how a box with a 4 pixel #1B5147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5147; -webkit-box-shadow:4px 4px  
4px 4px #1B5147; box-shadow:4px 4px 4px  
4px #1B5147 }
```

# Background

The CSS property to change the background color of an element to Hex 1B5147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5147 }
```

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

```
.background{ background-color:#1B5147 }
```

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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