

Converting Colors

Hex(1B5134)

Have a look what the booklet for
Hex(1B5134) contains.

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Color

Hex(1B5134)

Conversions

Conversions Part 1

Format	Color
Hex	1B5134
RGB	27, 81, 52
RGB Percent	11%, 32%, 20%
CMY	0.8941, 0.6824, 0.7961
CMYK	0.67, 0.00, 0.36, 0.68
HSL	148°, 50%, 21%
HSV	148°, 67%, 32%
XYZ	4.0143, 6.3658, 4.2660
YIQ	61.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

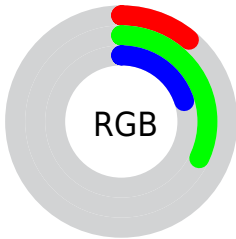
Format	Color
RYB	27, 64, 81
Decimal	1790260
CIELab	30.32, -25.52, 11.93
CIELCh	30, 28.170, 154.946
Yxy	6.3658, 0.2741, 0.4346
Android (android.graphics.Color)	4279980340 (0xFF1B5134)
YUV	61.5480, -4.7072, -30.2986
Hunter-Lab	25.2305, -15.7536, 7.6367

Details

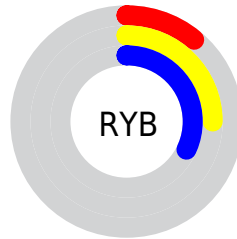
The Hex color **1B5134** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **511B38**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4D8363**, and **002407** is the 20% darker color. If you saturate the color by 10%, you get **135130**, and if you desaturate by 10%, it is **235138**.

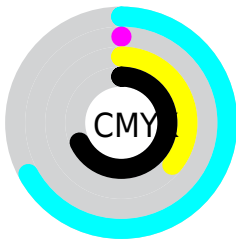
Distribution



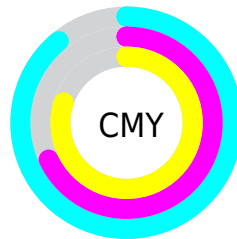
- Red (11%)
- Green (32%)
- Blue (20%)



- Red (11%)
- Yellow (25%)
- Blue (32%)



- Cyan (67%)
- Magenta (0%)
- Yellow (36%)
- Black (68%)



- Cyan (89%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5134 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 1B5134 by changing the saturation by 10% instead.



1B5134



1B5134

FFFFFF



003A1F



4D8363



002407



679D7C



000200



81B895



000000



9BD4B0



B7F1CC



D3FFE8



FFFFFF



1B5134



1B5134

■ 135130

■ 235138

■ 0B512B

■ 2B513D

■ 035127

■ 335141

■ 005125

■ 3B5145

■ 44514A

■ 4C514E

■ 545152

■ 5C5157

■ 64515B

Harmonies

Analogous

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



3A4D22



1B5134



00524A

Triad

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



1B5134



274973



6E382F

Complementary

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



1B5134



511B38

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.



703545



1B5134



4E406B

Square

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



1B5134



004F6F



65385A



634020

Rectangle

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



1B5134



005259



65385A



703636

Sweetspot

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



1B5134



54695D



39511B



29362F



B5B5B5



363636

Same Dimension

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



1B5134



15693C



1B514E



252927



006930



00E86B

Inverse Universe

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



511B38



691542



511B1E



292527



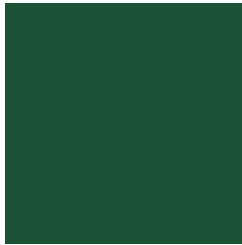
690038



E8007D

Previews

White Background



This preview shows how the Hex color 1B5134 looks on a white background.

Color Contrast Check

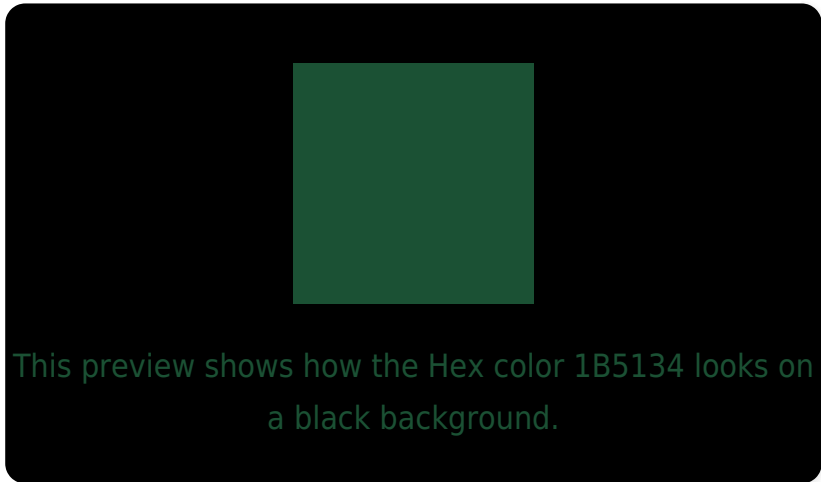
Large Text (above 18pt) WCAG AA ✓ Pass

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

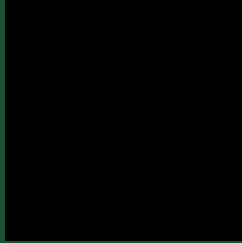
Any Text WCAG AA × Fail

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 1B5134 Background



This preview shows how black text looks on a background with the Hex color 1B5134.



This preview shows how white text looks on a background with the Hex color 1B5134.

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
1B5134

Protanopia
4D4730

Deuteranopia
544437



Tritanopia
264D53

Trichromacy



Original Color

1B5134

Protanomaly

3B4B31

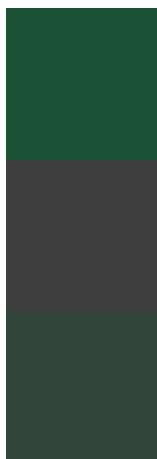
Deuteranomaly

3F4936

Tritanomaly

224E48

Monochromacy



Original Color

1B5134

Achromatopsia

3E3E3E

Achromatomaly

31453A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5134 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 #1B5134 looks like.

```
.text, #text, p{  
    color:#1B5134  
}
```

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 #1B5134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5134
}
```

Border

The CSS property to change the border of an element to Hex 1B5134 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
#1B5134 }
```

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

```
.border{ border-color:#1B5134 }
```

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

Here you see how a box with a 4 pixel #1B5134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5134; -webkit-box-shadow:4px 4px  
4px 4px #1B5134; box-shadow:4px 4px 4px  
4px #1B5134 }
```

Background

The CSS property to change the background color of an element to Hex 1B5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5134 }
```

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

```
.background{ background-color:#1B5134 }
```

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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