

Converting Colors

Hex(1B4131)

Have a look what the booklet for
Hex(1B4131) contains.

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Color

Hex(1B4131)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1B4131 |
| RGB | 27, 65, 49 |
| RGB Percent | 11%, 25%, 19% |
| CMY | 0.8941, 0.7451, 0.8078 |
| CMYK | 0.58, 0.00, 0.25, 0.75 |
| HSL | 155°, 41%, 18% |
| HSV | 155°, 58%, 25% |
| XYZ | 2.8967, 4.2354, 3.5706 |
| YIQ | 51.8140, -17.5120, -13.0320 |

Conversions

Conversions Part 2

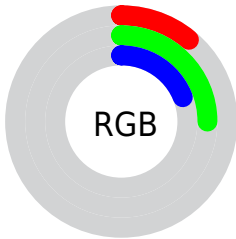
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 27, 51, 65 |
| Decimal | 1786161 |
| CIE Lab | 24.43, -18.11, 5.70 |
| CIE LCh | 24, 18.984, 162.530 |
| Yxy | 4.2354, 0.2707, 0.3957 |
| Android (android.graphics.Color) | 4279976241 (0xFF1B4131) |
| YUV | 51.8140, -1.3873, -21.7619 |
| Hunter-Lab | 20.5800, -10.8908, 4.1194 |




Details

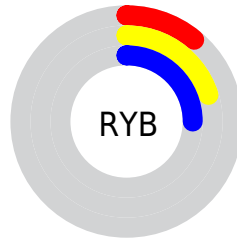
The Hex color **1B4131** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **411B2B**, and the grayscale version is **343434**.



A 20% lighter version of the original color is **4A715F**, and **001801** is the 20% darker color. If you saturate the color by 10%, you get **15412E**, and if you desaturate by 10%, it is **224134**.

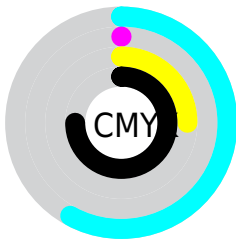
Distribution







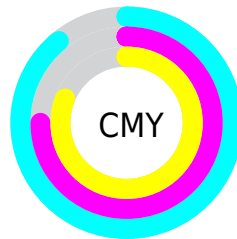
-  Red (11%)
-  Green (25%)
-  Blue (19%)






-  Red (11%)
-  Yellow (20%)
-  Blue (25%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (25%)
-  Black (75%)



-  Cyan (89%)
-  Magenta (75%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4131 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 1B4131 by changing the saturation by 10% instead.

■ 1B4131

■ 1B4131

FFFFFF

■ 032B1C

■ 4A715F

■ 001801

■ 638B78

■ 000000

■ 7CA592

■ 96C0AC

■ B1DCC7

■ CDF9E3

■ EAFFFF

■ 1B4131

■ 1B4131

■ 15412E

■ 224134

■ 0E412C

■ 284136

■ 084129

■ 2F4139

■ 014126

■ 35413C

■ 004126

■ 3C413F

■ 424141

■ 494144

■ 4F4147

■ 56414A

Harmonies

Analogous

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



2E3F24



1B4131



024240

Triad

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



1B4131



2F3956



533227

Complementary

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



1B4131



411B2B

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.



562F35



1B4131



43344F

Square

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



1B4131



143E55



513043



4A361F

Rectangle

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



1B4131



004149



513043



55302B

Sweetspot

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



1B4131



45544E



2B411B



222B27



ABABAB



2B2B2B

Same Dimension

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



1B4131



19543B



1B3E41



1E2120



006138



00E082

Inverse Universe

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



411B2B



541932



411E1B



211E1F



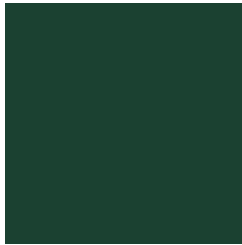
610029



E0005E

Previews

White Background



This preview shows how the Hex color 1B4131 looks on a white background.

Color Contrast Check

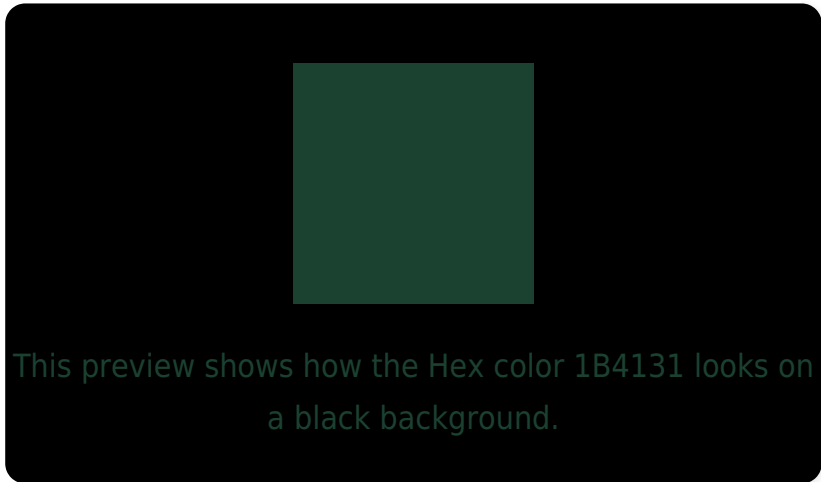
Large Text (above 18pt) WCAG AA ✓ Pass

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

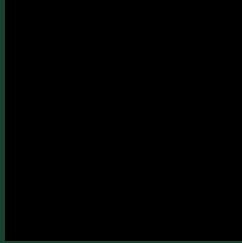
Any Text WCAG AA × Fail

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 1B4131 Background



This preview shows how black text looks on a background with the Hex color 1B4131.

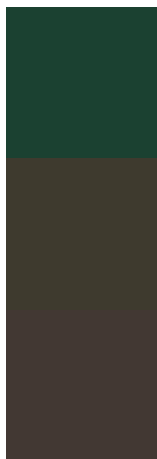


This preview shows how white text looks on a background with the Hex color 1B4131.

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](#).

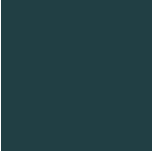
Dichromacy



Original Color
1B4131

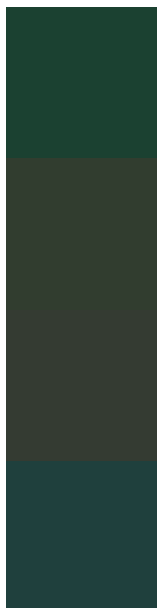
Protanopia
3E3A2E

Deuteranopia
423833



Tritanopia
213F44

Trichromacy



Original Color

1B4131

Protanomaly

313D2F

Deuteranomaly

343B32

Tritanomaly

1F403D

Monochromacy



Original Color

1B4131

Achromatopsia

343434

Achromatomaly

2B3933

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4131 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 #1B4131 looks like.

```
.text, #text, p{  
    color:#1B4131  
}
```

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 #1B4131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4131
}
```

Border

The CSS property to change the border of an element to Hex 1B4131 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
#1B4131 }
```

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

```
.border{ border-color:#1B4131 }
```

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

Here you see how a box with a 4 pixel #1B4131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4131; -webkit-box-shadow:4px 4px  
4px 4px #1B4131; box-shadow:4px 4px 4px  
4px #1B4131 }
```

Background

The CSS property to change the background color of an element to Hex 1B4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4131 }
```

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

```
.background{ background-color:#1B4131 }
```

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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