

Converting Colors

Hex(1B4D49)

Have a look what the booklet for
Hex(1B4D49) contains.

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Color

Hex(1B4D49)

Conversions

Conversions Part 1

Format	Color
Hex	1B4D49
RGB	27, 77, 73
RGB Percent	11%, 30%, 29%
CMY	0.8941, 0.6980, 0.7137
CMYK	0.65, 0.00, 0.05, 0.70
HSL	175°, 48%, 20%
HSV	175°, 65%, 30%
XYZ	4.3085, 6.0218, 7.2386
YIQ	61.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

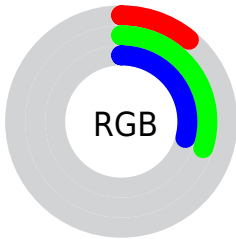
Format	Color
R_{YB}	27, 53, 77
Decimal	1789257
CIE Lab	29.47, -17.70, -2.63
CIE LCh	29, 17.896, 188.445
Yxy	6.0218, 0.2452, 0.3428
Android (android.graphics.Color)	4279979337 (0xFF1B4D49)
YUV	61.5940, 5.6232, -30.3389
Hunter-Lab	24.5394, -11.6040, -0.3117




Details

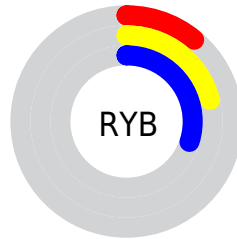
The Hex color **1B4D49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D1B1F**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **4D7E79**, and **00211E** is the 20% darker color. If you saturate the color by 10%, you get **134D48**, and if you desaturate by 10%, it is **234D4A**.

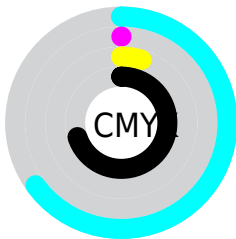
Distribution







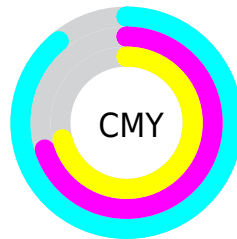
-  Red (11%)
-  Green (30%)
-  Blue (29%)






-  Red (11%)
-  Yellow (21%)
-  Blue (30%)



-  Cyan (65%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (70%)



-  Cyan (89%)
-  Magenta (70%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4D49 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 1B4D49 by changing the saturation by 10% instead.

 1B4D49

 1B4D49

FFFFFF

 003633

 4D7E79

 00211E

 679893

 000004

 81B3AE

 000000

 9CCFC9

 B7EBE5

 D3FFFF

 F0FFFF

 1B4D49

 1B4D49

■ 134D48

■ 234D4A

■ 0C4D48

■ 2A4D4A

■ 044D47

■ 324D4B

■ 004D47

■ 3A4D4B

■ 424D4C

■ 494D4D

■ 514D4D

■ 594D4E

■ 604D4F

Harmonies

Analogous

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



2B4C3B



1B4D49



144C56

Triad

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



1B4D49



4C405B



57412C

Complementary

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



1B4D49



4D1B1F

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.



5F3D35



1B4D49



5A3C50

Square

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



1B4D49



394561



613B42



4B462A

Rectangle

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



1B4D49



1C4B5D



613B42



5B402E

Sweetspot

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



1B4D49



516362



1F4D1B



273332



B3B3B3



333333

Same Dimension

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



1B4D49



16635D



1B384D



222626



00665E



00E6D3

Inverse Universe

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



4D1B1F



63161C



4D301B



262223



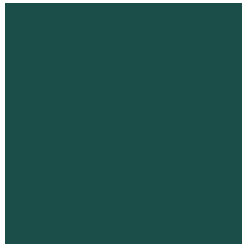
660008



E60012

Previews

White Background



This preview shows how the Hex color 1B4D49 looks on a white background.

Color Contrast Check

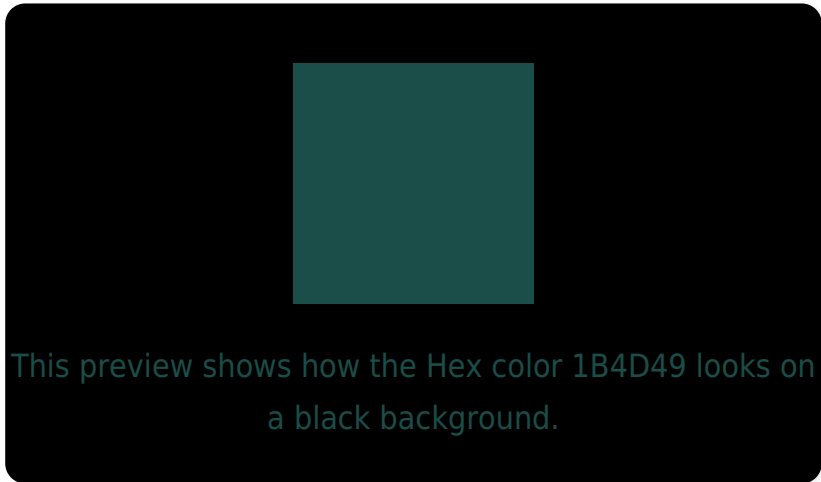
Large Text (above 18pt) WCAG AA ✓ Pass

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

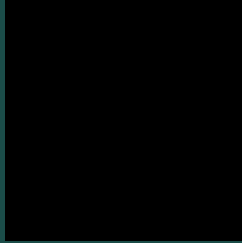
Any Text WCAG AA × Fail

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 1B4D49 Background



This preview shows how black text looks on a background with the Hex color 1B4D49.



This preview shows how white text looks on a background with the Hex color 1B4D49.

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
1B4D49

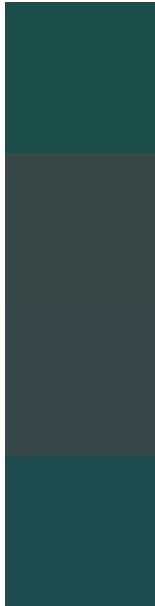
Protanopia
474544

Deuteranopia
49434B



Tritanopia
1F4C52

Trichromacy



Original Color
1B4D49

Protanomaly
374846

Deuteranomaly
38474A

Tritanomaly
1E4C4F

Monochromacy



Original Color
1B4D49

Achromatopsia
3E3E3E

Achromatomaly
314342

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4D49 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 #1B4D49 looks like.

```
.text, #text, p{  
    color:#1B4D49  
}
```

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 #1B4D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4D49
}
```

Border

The CSS property to change the border of an element to Hex 1B4D49 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
#1B4D49 }
```

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

```
.border{ border-color:#1B4D49 }
```

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

Here you see how a box with a 4 pixel #1B4D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4D49; -webkit-box-shadow:4px 4px  
4px 4px #1B4D49; box-shadow:4px 4px 4px  
4px #1B4D49 }
```

Background

The CSS property to change the background color of an element to Hex 1B4D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4D49 }
```

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

```
.background{ background-color:#1B4D49 }
```

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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