

Converting Colors

Hex(1B4743)

Have a look what the booklet for
Hex(1B4743) contains.

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Color

Hex(1B4743)

Conversions

Conversions Part 1

Format	Color
Hex	1B4743
RGB	27, 71, 67
RGB Percent	11%, 28%, 26%
CMY	0.8941, 0.7216, 0.7373
CMYK	0.62, 0.00, 0.06, 0.72
HSL	175°, 45%, 19%
HSV	175°, 62%, 28%
XYZ	3.7184, 5.1447, 6.1072
YIQ	57.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

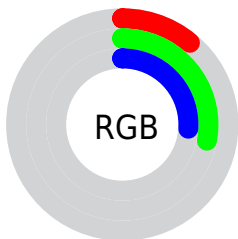
Format	Color
RYB	27, 50, 71
Decimal	1787715
CIELab	27.14, -16.23, -2.17
CIELCh	27, 16.371, 187.629
Yxy	5.1447, 0.2484, 0.3437
Android (android.graphics.Color)	4279977795 (0xFF1B4743)
YUV	57.3880, 4.7387, -26.6503
Hunter-Lab	22.6820, -10.4313, -0.0867

Details

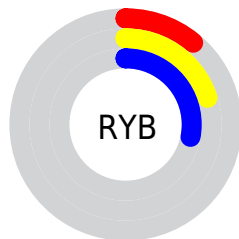
The Hex color **1B4743** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471B1F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4C7873**, and **001C18** is the 20% darker color. If you saturate the color by 10%, you get **144742**, and if you desaturate by 10%, it is **224744**.

Distribution



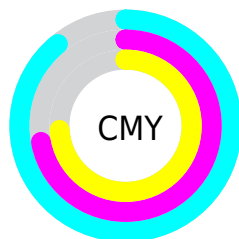
- Red (11%)
- Green (28%)
- Blue (26%)



- Red (11%)
- Yellow (20%)
- Blue (28%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (72%)



- Cyan (89%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4743 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 1B4743 by changing the saturation by 10% instead.

 1B4743

 1B4743

FFFFFF

 00302D

 4C7873

 001C18

 65918C

 000000

 7FACA7

 99C7C2

 B5E4DE

 D1FFFA

 EDFFFF

 1B4743

 1B4743

■ 144742

■ 224744

■ 0D4742

■ 294744

■ 064741

■ 304745

■ 004741

■ 374746

■ 3F4746

■ 464747

■ 4D4748

■ 544748

■ 5B4749

Harmonies

Analogous

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



294636



1B4743



15464F

Triad

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



1B4743



463C54



513C29

Complementary

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



1B4743



471B1F

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.



583831



1B4743



53384A

Square

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



1B4743



344059



59373D



464027

Rectangle

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



1B4743



1C4555



59373D



543B2B

Sweetspot

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



1B4743



4A5C5A



1F471B



232E2D



ADADAD



2E2E2E

Same Dimension

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



1B4743



185C56



1B3547



202423



00635A



00E3CE

Inverse Universe

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



471B1F



5C181E



472D1B



242020



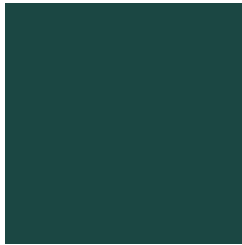
630009



E30015

Previews

White Background



This preview shows how the Hex color 1B4743 looks on a white background.

Color Contrast Check

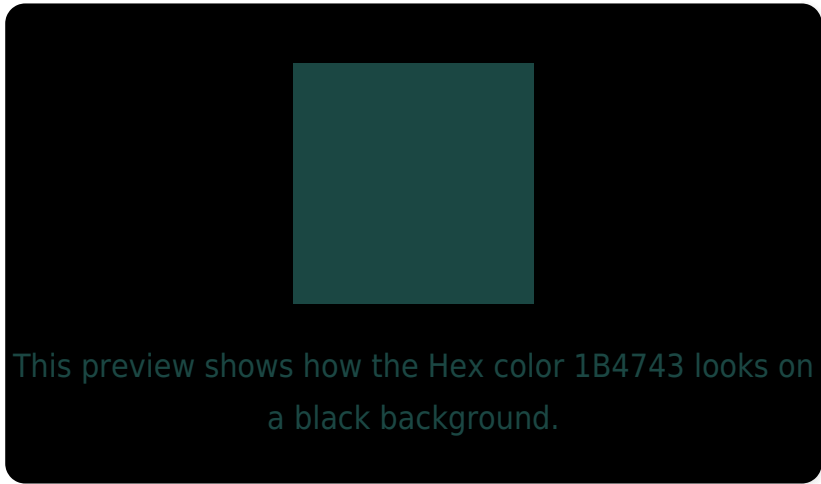
Large Text (above 18pt) WCAG AA ✓ Pass

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

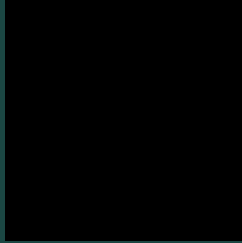
Any Text WCAG AA × Fail

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 1B4743 Background



This preview shows how black text looks on a background with the Hex color 1B4743.



This preview shows how white text looks on a background with the Hex color 1B4743.

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
1B4743

Protanopia
41403F

Deuteranopia
443E45



Tritanopia
1F464B

Trichromacy



Original Color
1B4743

Protanomaly
334340

Deuteranomaly
354144

Tritanomaly
1E4648

Monochromacy



Original Color
1B4743

Achromatopsia
393939

Achromatomaly
2E3E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4743 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 #1B4743 looks like.

```
.text, #text, p{  
    color:#1B4743  
}
```

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 #1B4743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4743
}
```

Border

The CSS property to change the border of an element to Hex 1B4743 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
#1B4743 }
```

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

```
.border{ border-color:#1B4743 }
```

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

Here you see how a box with a 4 pixel #1B4743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4743; -webkit-box-shadow:4px 4px  
4px 4px #1B4743; box-shadow:4px 4px 4px  
4px #1B4743 }
```

Background

The CSS property to change the background color of an element to Hex 1B4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4743 }
```

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

```
.background{ background-color:#1B4743 }
```

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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