

Converting Colors

Hex(1B4944)

Have a look what the booklet for
Hex(1B4944) contains.

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Color

Hex(1B4944)

Conversions

Conversions Part 1

Format	Color
Hex	1B4944
RGB	27, 73, 68
RGB Percent	11%, 29%, 27%
CMY	0.8941, 0.7137, 0.7333
CMYK	0.63, 0.00, 0.07, 0.71
HSL	173°, 46%, 20%
HSV	173°, 63%, 29%
XYZ	3.8779, 5.4155, 6.3097
YIQ	58.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

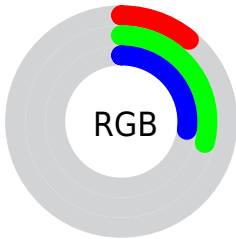
Format	Color
RYB	27, 51, 73
Decimal	1788228
CIELab	27.89, -17.04, -1.73
CIElCh	28, 17.125, 185.791
Yxy	5.4155, 0.2485, 0.3471
Android (android.graphics.Color)	4279978308 (0xFF1B4944)
YUV	58.6760, 4.5967, -27.7799
Hunter-Lab	23.2711, -10.9790, 0.2139




Details

The Hex color **1B4944** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **491B20**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **4C7A74**, and **001E19** is the 20% darker color. If you saturate the color by 10%, you get **144943**, and if you desaturate by 10%, it is **224945**.

Distribution







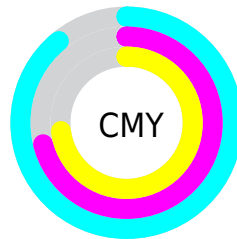
-  Red (11%)
-  Green (29%)
-  Blue (27%)






-  Red (11%)
-  Yellow (20%)
-  Blue (29%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (71%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4944 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 1B4944 by changing the saturation by 10% instead.



1B4944



1B4944

FFFFFF



00322E



4C7A74



001E19



66948E



000000



7FAEA8



9ACAC3



B5E6DF



D1FFFC



EEFFFF



1B4944



1B4944

■ 144943

■ 224945

■ 0C4942

■ 2A4946

■ 054942

■ 314946

■ 004941

■ 384947

■ 404948

■ 474949

■ 4E494A

■ 55494A

■ 5D494B

Harmonies

Analogous

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



2A4837



1B4944



144851

Triad

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



1B4944



473E57



543D2A

Complementary

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



1B4944



491B20

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.



5B3933



1B4944



55394D

Square

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



1B4944



34425C



5B3840



484227

Rectangle

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



1B4944



1A4757



5B3840



573C2D

Sweetspot

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



1B4944



4C5E5C



20491B



25302F



B0B0B0



303030

Same Dimension

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



1B4944



175E57



1B3749



202423



006359



00E3CA

Inverse Universe

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



491B20



5E171E



492D1B



242021



63000B



E30019

Previews

White Background



This preview shows how the Hex color 1B4944 looks on a white background.

Color Contrast Check

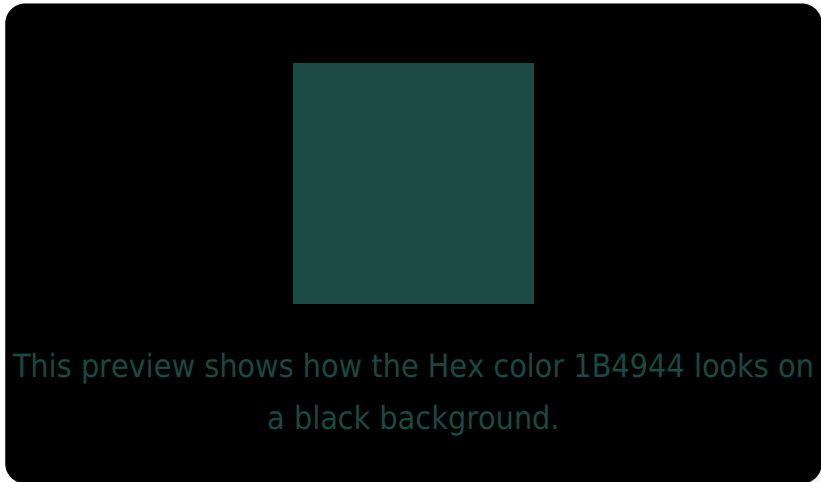
Large Text (above 18pt) WCAG AA ✓ Pass

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

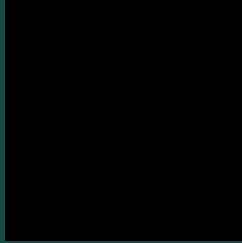
Any Text WCAG AA × Fail

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 1B4944 Background



This preview shows how black text looks on a background with the Hex color 1B4944.



This preview shows how white text looks on a background with the Hex color 1B4944.

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](#).

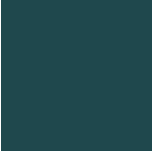
Dichromacy



Original Color
1B4944

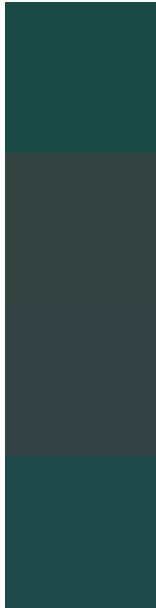
Protanopia
434140

Deuteranopia
464046



Tritanopia
1F484D

Trichromacy



Original Color

1B4944

Protanomaly

344441

Deuteranomaly

364345

Tritanomaly

1E484A

Monochromacy



Original Color

1B4944

Achromatopsia

3B3B3B

Achromatomaly

2F403E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4944 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 #1B4944 looks like.

```
.text, #text, p{  
    color:#1B4944  
}
```

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 #1B4944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4944
}
```

Border

The CSS property to change the border of an element to Hex 1B4944 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
#1B4944 }
```

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

```
.border{ border-color:#1B4944 }
```

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

Here you see how a box with a 4 pixel #1B4944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4944; -webkit-box-shadow:4px 4px  
4px 4px #1B4944; box-shadow:4px 4px 4px  
4px #1B4944 }
```

Background

The CSS property to change the background color of an element to Hex 1B4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4944 }
```

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

```
.background{ background-color:#1B4944 }
```

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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