

Converting Colors

Hex(1B4F59)

Have a look what the booklet for
Hex(1B4F59) contains.

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Color

Hex(1B4F59)

Conversions

Conversions Part 1

Format	Color
Hex	1B4F59
RGB	27, 79, 89
RGB Percent	11%, 31%, 35%
CMY	0.8941, 0.6902, 0.6510
CMYK	0.70, 0.11, 0.00, 0.65
HSL	190°, 53%, 23%
HSV	190°, 70%, 35%
XYZ	5.0511, 6.5462, 10.4485
YIQ	64.5920, -34.2020, -7.9140

Conversions

Conversions Part 2

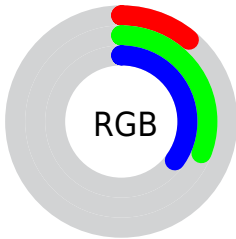
Format	Color
RYB	27, 55, 89
Decimal	1789785
CIELab	30.75, -13.53, -10.96
CIElCh	31, 17.411, 219.013
Yxy	6.5462, 0.2291, 0.2969
Android (android.graphics.Color)	4279979865 (0xFF1B4F59)
YUV	64.5920, 12.0331, -32.9682
Hunter-Lab	25.5856, -9.5352, -6.3026




Details

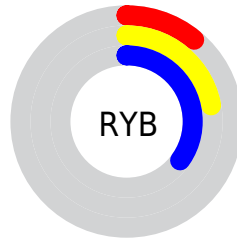
The Hex color **1B4F59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59251B**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **4F808B**, and **00222C** is the 20% darker color. If you saturate the color by 10%, you get **124E59**, and if you desaturate by 10%, it is **245059**.

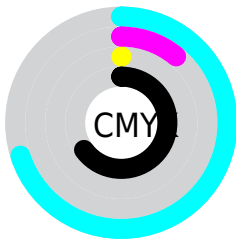
Distribution







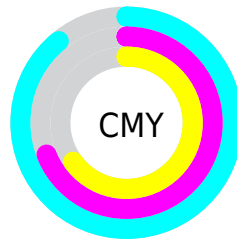
-  Red (11%)
-  Green (31%)
-  Blue (35%)






-  Red (11%)
-  Yellow (22%)
-  Blue (35%)



-  Cyan (70%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (89%)
-  Magenta (69%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4F59 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 1B4F59 by changing the saturation by 10% instead.

■ 1B4F59

■ 1B4F59

FFFFFF

■ 003842

■ 4F808B

■ 00222C

■ 699AA5

■ 000618

■ 84B5C0

■ 000000

■ 9FD1DC

■ BAEDF9

■ D7FFFF

■ F4FFFF

■ 1B4F59

■ 1B4F59

■ 124E59

■ 245059

■ 094C59

■ 2D5259

■ 004B59

■ 365359

■ 3F5559

■ 485659

■ 505859

■ 595959

■ 625A59

■ 6B5C59

Harmonies

Analogous

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



20504C



1B4F59



284C61

Triad

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



1B4F59



5D3F52



4E492D

Complementary

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



1B4F59



59251B

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.



5A442F



1B4F59



633E45

Square

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



1B4F59



4F435E



624038



3F4D33

Rectangle

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



1B4F59



354A63



624038



52472D

Sweetspot

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



1B4F59



5B6F73



1B5924



2C383B



BABABA



3B3B3B

Same Dimension

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



1B4F59



126373



1B3159



272B2B



005A6B



00C5EB

Inverse Universe

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



591B4F



731263



59431B



2B272B



6B005A



EB00C5

Previews

White Background



This preview shows how the Hex color 1B4F59 looks on a white background.

Color Contrast Check

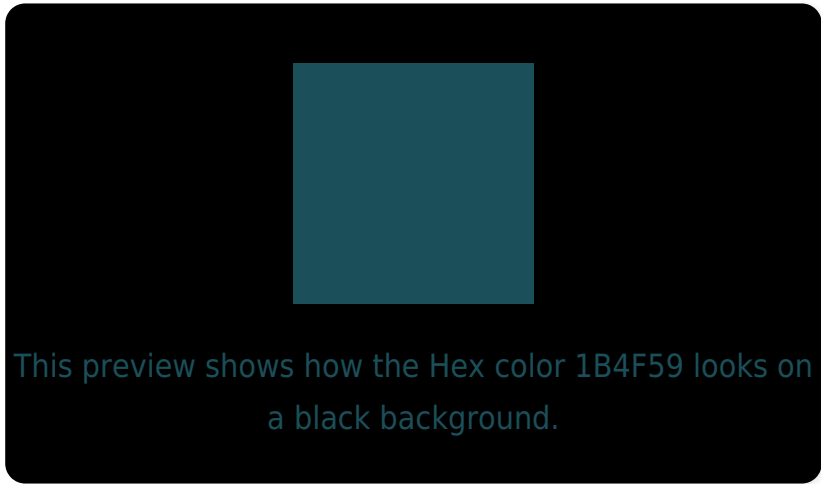
Large Text (above 18pt) WCAG AA ✓ Pass

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

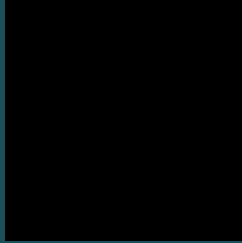
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

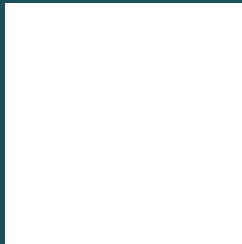
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1B4F59 Background



This preview shows how black text looks on a background with the Hex color 1B4F59.



This preview shows how white text looks on a background with the Hex color 1B4F59.

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
1B4F59

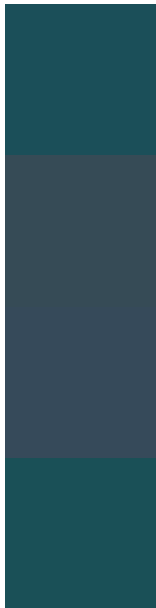
Protanopia
464854

Deuteranopia
46475B



Tritanopia
195056

Trichromacy



Original Color
1B4F59

Protanomaly
364B56

Deuteranomaly
364A5A

Tritanomaly
1A5057

Monochromacy



Original Color
1B4F59

Achromatopsia
414141

Achromatomaly
33464A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4F59 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 #1B4F59 looks like.

```
.text, #text, p{  
    color:#1B4F59  
}
```

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 #1B4F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4F59
}
```

Border

The CSS property to change the border of an element to Hex 1B4F59 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".

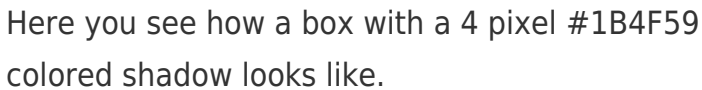
```
.border, #border, table{ border:4px solid
#1B4F59 }
```

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

```
.border{ border-color:#1B4F59 }
```

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

Here you see how a box with a 4 pixel #1B4F59 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4F59; -webkit-box-shadow:4px 4px  
4px 4px #1B4F59; box-shadow:4px 4px 4px  
4px #1B4F59 }
```

Background

The CSS property to change the background color of an element to Hex 1B4F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4F59 }
```

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

```
.background{ background-color:#1B4F59 }
```

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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