

Converting Colors

Hex(1B4F4C)

Have a look what the booklet for
Hex(1B4F4C) contains.

Hex(1B4F4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B4F4C)

Conversions

Conversions Part 1

Format	Color
Hex	1B4F4C
RGB	27, 79, 76
RGB Percent	11%, 31%, 30%
CMY	0.8941, 0.6902, 0.7020
CMYK	0.66, 0.00, 0.04, 0.69
HSL	177°, 49%, 21%
HSV	177°, 66%, 31%
XYZ	4.5525, 6.3468, 7.8226
YIQ	63.1100, -30.0290, -11.9570

Conversions

Conversions Part 2

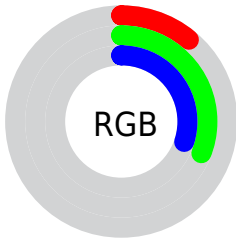
Format	Color
RYB	27, 54, 79
Decimal	1789772
CIELab	30.27, -17.86, -3.37
CIELCh	30, 18.176, 190.671
Yxy	6.3468, 0.2432, 0.3390
Android (android.graphics.Color)	4279979852 (0xFF1B4F4C)
YUV	63.1100, 6.3548, -31.6685
Hunter-Lab	25.1928, -11.8315, -0.7751

Details

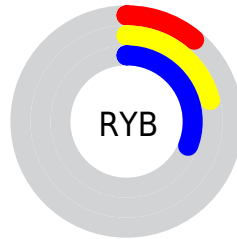
The Hex color **1B4F4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F1B1E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4E807D**, and **002220** is the 20% darker color. If you saturate the color by 10%, you get **134F4C**, and if you desaturate by 10%, it is **234F4C**.

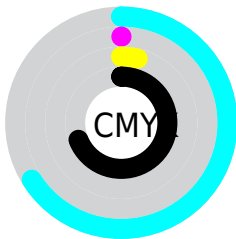
Distribution



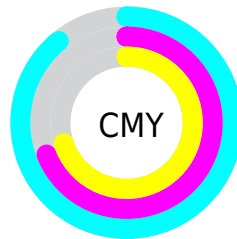
- Red (11%)
- Green (31%)
- Blue (30%)



- Red (11%)
- Yellow (21%)
- Blue (31%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (69%)



- Cyan (89%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4F4C 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 1B4F4C by changing the saturation by 10% instead.

■ 1B4F4C

■ 1B4F4C

FFFFFF

■ 003835

■ 4E807D

■ 002220

■ 679B97

■ 000209

■ 82B5B1

■ 000000

■ 9CD1CD

■ B8EDE9

■ D4FFFF

■ F1FFFF

■ 1B4F4C

■ 1B4F4C

■ 134F4C

■ 234F4C

■ 0B4F4B

■ 2B4F4D

■ 034F4B

■ 334F4D

■ 004F4A

■ 3B4F4E

■ 434F4E

■ 4A4F4F

■ 524F4F

■ 5A4F50

■ 624F50

Harmonies

Analogous

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



2B4E3D



1B4F4C



164E59

Triad

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



1B4F4C



50425D



59432D

Complementary

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



1B4F4C



4F1B1E

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.



613F36



1B4F4C



5D3E51

Square

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



1B4F4C



3C4763



633D43



4C482B

Rectangle

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



1B4F4C



1F4C60



633D43



5C422F

Sweetspot

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



1B4F4C



526665



1E4F1B



273332



B3B3B3



333333

Same Dimension

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



1B4F4C



156661



1B384F



222626



006660



00E6D8

Inverse Universe

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



4F1B1E



66151A



4F321B



262223



660006



E6000D

Previews

White Background



This preview shows how the Hex color 1B4F4C looks on a white background.

Color Contrast Check

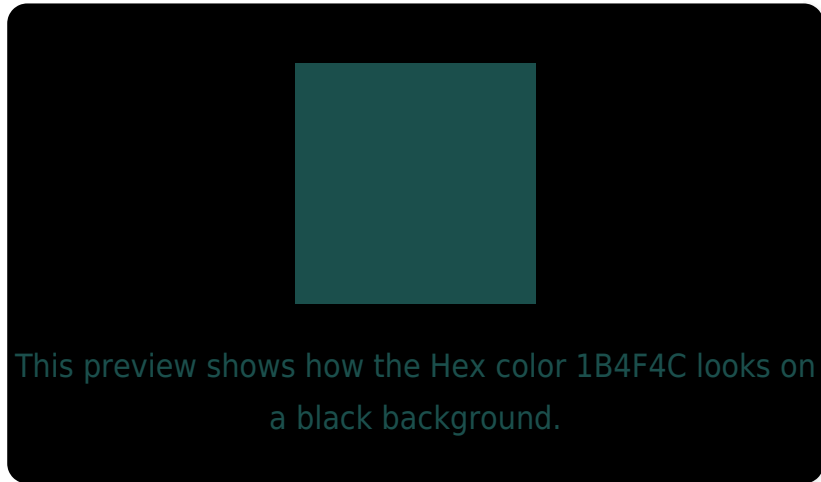
Large Text (above 18pt) WCAG AA ✓ Pass

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

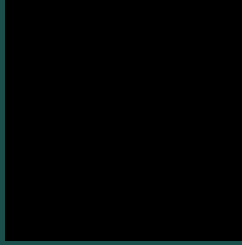
Any Text WCAG AA × Fail

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 1B4F4C Background



This preview shows how black text looks on a background with the Hex color 1B4F4C.



This preview shows how white text looks on a background with the Hex color 1B4F4C.

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
1B4F4C

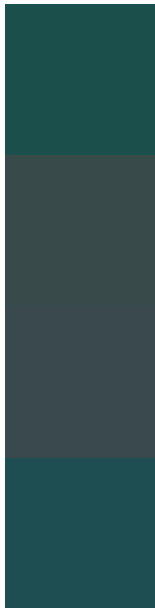
Protanopia
484747

Deuteranopia
4B454E



Tritanopia
1F4E54

Trichromacy



Original Color
1B4F4C

Protanomaly
384A49

Deuteranomaly
3A494D

Tritanomaly
1E4E51

Monochromacy



Original Color
1B4F4C

Achromatopsia
3F3F3F

Achromatomaly
324544

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4F4C 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 #1B4F4C looks like.

```
.text, #text, p{  
    color:#1B4F4C  
}
```

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 #1B4F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4F4C
}
```

Border

The CSS property to change the border of an element to Hex 1B4F4C 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
#1B4F4C }
```

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

```
.border{ border-color:#1B4F4C }
```

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

Here you see how a box with a 4 pixel #1B4F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4F4C; -webkit-box-shadow:4px 4px  
4px 4px #1B4F4C; box-shadow:4px 4px 4px  
4px #1B4F4C }
```

Background

The CSS property to change the background color of an element to Hex 1B4F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4F4C }
```

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

```
.background{ background-color:#1B4F4C }
```

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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