

Converting Colors

Hex(1B4A40)

Have a look what the booklet for
Hex(1B4A40) contains.

Hex(1B4A40)	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(1B4A40)

Conversions

Conversions Part 1

Format	Color
Hex	1B4A40
RGB	27, 74, 64
RGB Percent	11%, 29%, 25%
CMY	0.8941, 0.7098, 0.7490
CMYK	0.64, 0.00, 0.14, 0.71
HSL	167°, 47%, 20%
HSV	167°, 64%, 29%
XYZ	3.8262, 5.5007, 5.7106
YIQ	58.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

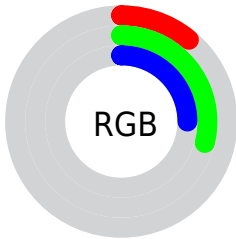
Format	Color
R_{YB}	27, 53, 74
Decimal	1788480
CIE _{Lab}	28.12, -18.79, 1.20
CIE _{LCh}	28, 18.833, 176.350
Yxy	5.5007, 0.2544, 0.3658
Android (android.graphics.Color)	4279978560 (0xFF1B4A40)
YUV	58.8070, 2.5601, -27.8947
Hunter-Lab	23.4536, -11.9237, 1.9814

Details

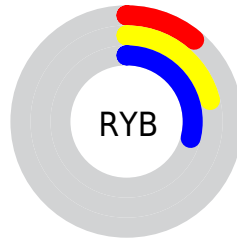
The Hex color **1B4A40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A1B25**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4C7B70**, and **001F16** is the 20% darker color. If you saturate the color by 10%, you get **144A3E**, and if you desaturate by 10%, it is **224A42**.

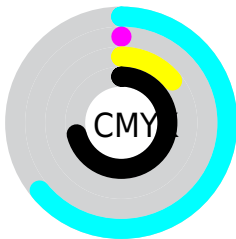
Distribution



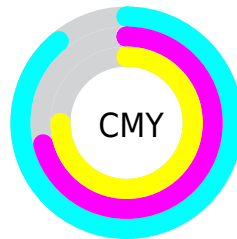
- Red (11%)
- Green (29%)
- Blue (25%)



- Red (11%)
- Yellow (21%)
- Blue (29%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4A40 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 1B4A40 by changing the saturation by 10% instead.

■ 1B4A40

■ 1B4A40

FFFFFF

■ 00332A

■ 4C7B70

■ 001F16

■ 659589

■ 000000

■ 7FB0A3

■ 9ACBBE

■ B5E7DA

■ D1FFF7

■ EEEFFF

■ 1B4A40

■ 1B4A40

■ 144A3E

■ 224A42

■ 0C4A3D

■ 2A4A43

■ 054A3B

■ 314A45

■ 004A3A

■ 394A46

■ 404A48

■ 474A49

■ 4F4A4B

■ 564A4D

■ 5E4A4E

Harmonies

Analogous

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



2E4832



1B4A40



094A4F

Triad

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



1B4A40



423F5C



593C2B

Complementary

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



1B4A40



4A1B25

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.



5E3836



1B4A40



533A53

Square

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



1B4A40



2B445F



5D3745



4E4125

Rectangle

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



1B4A40



0B4957



5D3745



5B3A2E

Sweetspot

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



1B4A40



4E615D



254A1B



25302E



B0B0B0



303030

Same Dimension

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



1B4A40



176151



1B3D4A



222625



006650



00E6B5

Inverse Universe

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



4A1B25



611727



4A281B



262223



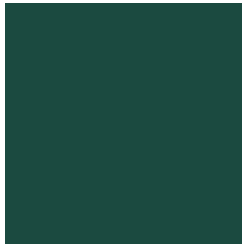
660016



E60031

Previews

White Background



This preview shows how the Hex color 1B4A40 looks on a white background.

Color Contrast Check

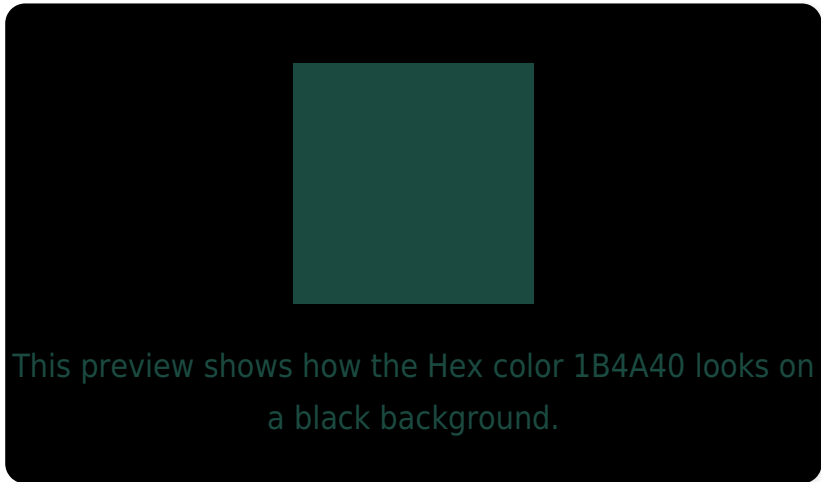
Large Text (above 18pt) WCAG AA ✓ Pass

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

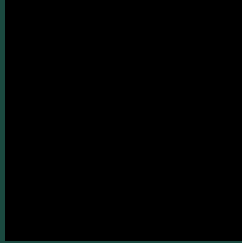
Any Text WCAG AA × Fail

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 1B4A40 Background



This preview shows how black text looks on a background with the Hex color 1B4A40.



This preview shows how white text looks on a background with the Hex color 1B4A40.

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
1B4A40

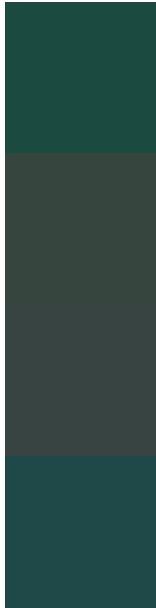
Protanopia
45423C

Deuteranopia
494042



Tritanopia
21484E

Trichromacy



Original Color
1B4A40

Protanomaly
36453D

Deuteranomaly
384441

Tritanomaly
1F4949

Monochromacy



Original Color
1B4A40

Achromatopsia
3B3B3B

Achromatomaly
2F403D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4A40 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 #1B4A40 looks like.

```
.text, #text, p{  
    color:#1B4A40  
}
```

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 #1B4A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4A40
}
```

Border

The CSS property to change the border of an element to Hex 1B4A40 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
#1B4A40 }
```

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

```
.border{ border-color:#1B4A40 }
```

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

Here you see how a box with a 4 pixel #1B4A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4A40; -webkit-box-shadow:4px 4px  
4px 4px #1B4A40; box-shadow:4px 4px 4px  
4px #1B4A40 }
```

Background

The CSS property to change the background color of an element to Hex 1B4A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4A40 }
```

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

```
.background{ background-color:#1B4A40 }
```

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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