

Converting Colors

Hex(1B684C)

Have a look what the booklet for
Hex(1B684C) contains.

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Color

Hex(1B684C)

Conversions

Conversions Part 1

Format	Color
Hex	1B684C
RGB	27, 104, 76
RGB Percent	11%, 41%, 30%
CMY	0.8941, 0.5922, 0.7020
CMYK	0.74, 0.00, 0.27, 0.59
HSL	158°, 59%, 26%
HSV	158°, 74%, 41%
XYZ	6.7068, 10.6554, 8.5407
YIQ	77.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

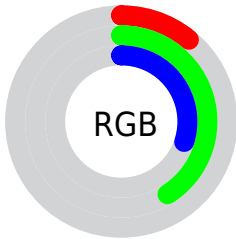
Format	Color
RYB	27, 74, 104
Decimal	1796172
CIELab	38.99, -30.43, 9.20
CIELCh	39, 31.789, 163.170
Yxy	10.6554, 0.2589, 0.4114
Android (android.graphics.Color)	4279986252 (0xFF1B684C)
YUV	77.7850, -0.8800, -44.5384
Hunter-Lab	32.6427, -20.4498, 7.3371

Details

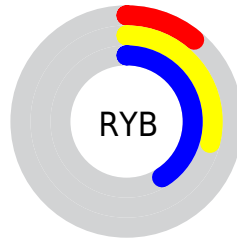
The Hex color **1B684C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **681B37**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **539C7D**, and **003820** is the 20% darker color. If you saturate the color by 10%, you get **116848**, and if you desaturate by 10%, it is **256850**.

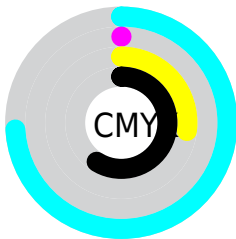
Distribution



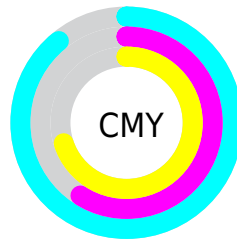
- Red (11%)
- Green (41%)
- Blue (30%)



- Red (11%)
- Yellow (29%)
- Blue (41%)



- Cyan (74%)
- Magenta (0%)
- Yellow (27%)
- Black (59%)



- Cyan (89%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B684C 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 1B684C by changing the saturation by 10% instead.

 1B684C

 1B684C

FFFFFF

 004F35

 539C7D

 003820

 6DB797

 002309

 88D3B1

 000000

 A4EFCD

 C0FFE9

 DCFFFF

 F9FFFF

 1B684C

 1B684C

■ 116848

■ 256850

■ 066844

■ 306854

■ 006842

■ 3A6857

■ 45685B

■ 4F685F

■ 596863

■ 646866

■ 6E686A

■ 79686E

Harmonies

Analogous

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



446435



1B684C



006967

Triad

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



1B684C



465B8E



874C3A

Complementary

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



1B684C



681B37

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.



8D4651



1B684C



6D5182

Square

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



1B684C



00638D



84486B



77552A

Rectangle

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



1B684C



006877



84486B



8B4941

Sweetspot

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



1B684C



69877C



37681B



33453E



C4C4C4



454545

Same Dimension

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



1B684C



0F875B



1B5E68



2E3331



007349



00F29A

Inverse Universe

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



681B37



870F3B



68251B



332E30



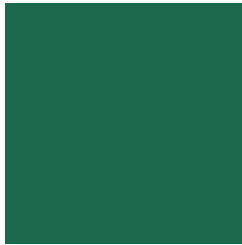
73002A



F20058

Previews

White Background



This preview shows how the Hex color 1B684C looks on a white background.

Color Contrast Check

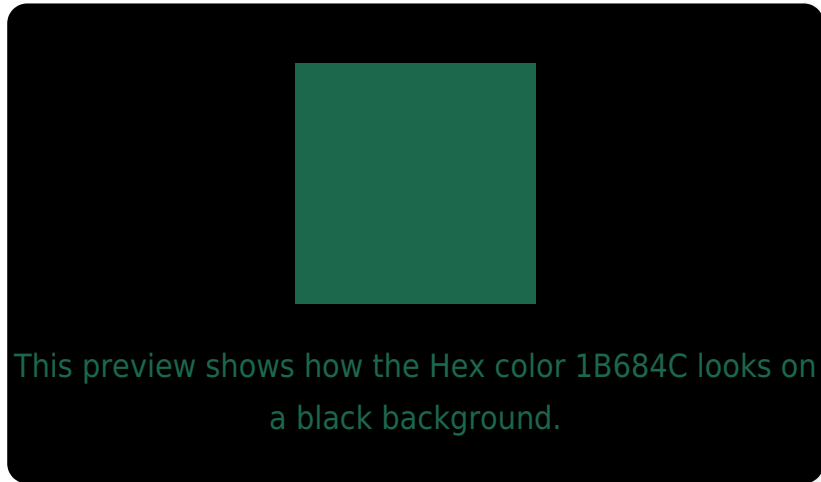
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

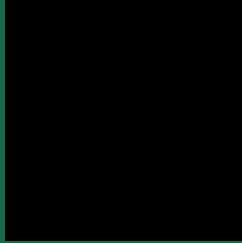
Any Text WCAG AA × Fail

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 1B684C Background



This preview shows how black text looks on a background with the Hex color 1B684C.



This preview shows how white text looks on a background with the Hex color 1B684C.

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
1B684C

Protanopia
625B46

Deuteranopia
695850



Tritanopia
2A646C

Trichromacy



Original Color
1B684C

Protanomaly
486048

Deuteranomaly
4D5E4F

Tritanomaly
256560

Monochromacy



Original Color
1B684C

Achromatopsia
4E4E4E

Achromatomaly
3B574D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B684C 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 #1B684C looks like.

```
.text, #text, p{  
    color:#1B684C  
}
```

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 #1B684C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B684C
}
```

Border

The CSS property to change the border of an element to Hex 1B684C 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
#1B684C }
```

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

```
.border{ border-color:#1B684C }
```

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

Here you see how a box with a 4 pixel #1B684C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B684C; -webkit-box-shadow:4px 4px  
4px 4px #1B684C; box-shadow:4px 4px 4px  
4px #1B684C }
```

Background

The CSS property to change the background color of an element to Hex 1B684C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B684C }
```

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

```
.background{ background-color:#1B684C }
```

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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