

Converting Colors

Hex(1B6534)

Have a look what the booklet for
Hex(1B6534) contains.

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Color

Hex(1B6534)

Conversions

Conversions Part 1

Format	Color
Hex	1B6534
RGB	27, 101, 52
RGB Percent	11%, 40%, 20%
CMY	0.8941, 0.6039, 0.7961
CMYK	0.73, 0.00, 0.49, 0.60
HSL	140°, 58%, 25%
HSV	140°, 73%, 40%
XYZ	5.7255, 9.7883, 4.8364
YIQ	73.2880, -28.3750, -30.9270

Conversions

Conversions Part 2

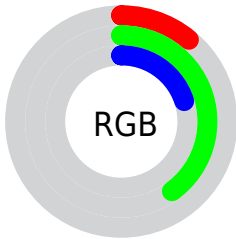
Format	Color
R_{YB}	27, 82, 101
Decimal	1795380
CIE _{Lab}	37.46, -34.43, 21.34
CIE _{LCh}	37, 40.506, 148.205
Yxy	9.7883, 0.2813, 0.4810
Android (android.graphics.Color)	4279985460 (0xFF1B6534)
YUV	73.2880, -10.4950, -40.5946
Hunter-Lab	31.2863, -22.0848, 12.7351

Details

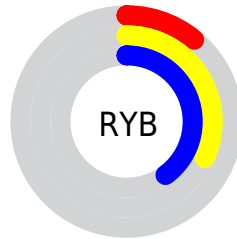
The Hex color **1B6534** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **651B4C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **529963**, and **003507** is the 20% darker color. If you saturate the color by 10%, you get **11652D**, and if you desaturate by 10%, it is **25653B**.

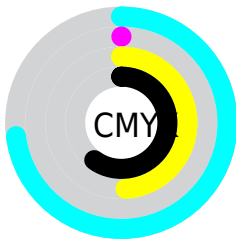
Distribution



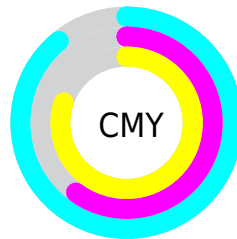
- Red (11%)
- Green (40%)
- Blue (20%)



- Red (11%)
- Yellow (32%)
- Blue (40%)



- Cyan (73%)
- Magenta (0%)
- Yellow (49%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6534 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 1B6534 by changing the saturation by 10% instead.

 1B6534

 1B6534


FFFFFF

 004C1E

 529963

 003507

 6CB47D

 002100

 87D097

 000000

 A3ECB1

 BEFFCD

 DBFFE9

 F8FFFF

 1B6534

 1B6534

■ 11652D

■ 25653B

■ 076527

■ 2F6541

■ 006522

■ 396548

■ 43654F

■ 4E6555

■ 58655C

■ 626563

■ 6C656A

■ 766570

Harmonies

Analogous

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



4B5F19



1B6534



006855

Triad

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



1B6534



005C9A



923D3B

Complementary

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



1B6534



651B4C

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.



913A5C



1B6534



555092

Square

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



1B6534



00648F



7E427B



844920

Rectangle

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



1B6534



00686C



7E427B



943B46

Sweetspot

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



1B6534



65826F



4C651B



314237



C2C2C2



424242

Same Dimension

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



1B6534



108236



1B6559



2E3330



007327



00F252

Inverse Universe

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



651B4C



82105B



651B27



332E31



73004C



F200A0

Previews

White Background



This preview shows how the Hex color 1B6534 looks on a white background.

Color Contrast Check

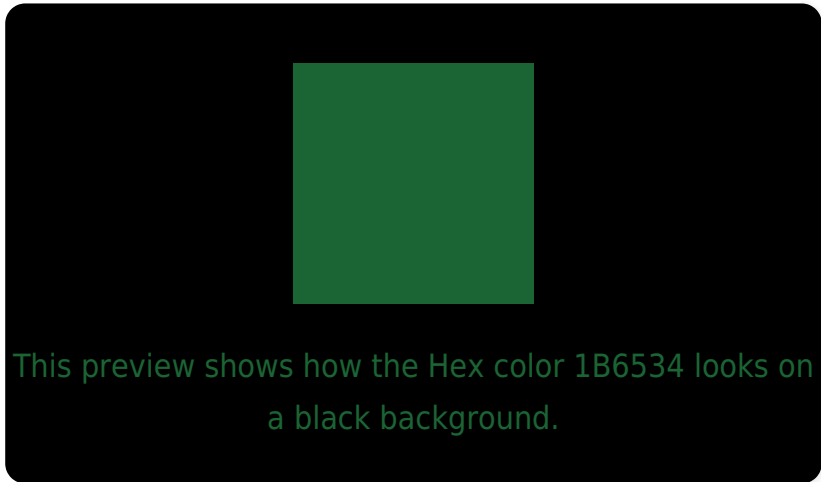
Large Text (above 18pt) WCAG AA ✓ Pass

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

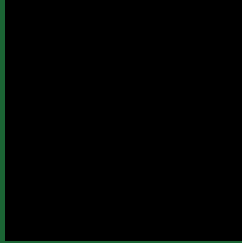
Any Text WCAG AA × Fail

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 1B6534 Background



This preview shows how black text looks on a background with the Hex color 1B6534.

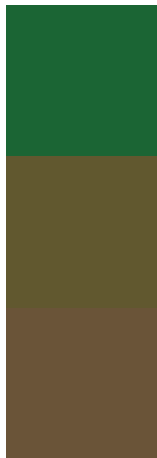


This preview shows how white text looks on a background with the Hex color 1B6534.

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
1B6534

Protanopia
61582F

Deuteranopia
6A5438



Tritanopia
2E5F67

Trichromacy



Original Color
1B6534

Protanomaly
485D31

Deuteranomaly
4D5A37

Tritanomaly
276154

Monochromacy



Original Color
1B6534

Achromatopsia
494949

Achromatomaly
385341

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6534 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 #1B6534 looks like.

```
.text, #text, p{  
    color:#1B6534  
}
```

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 #1B6534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6534
}
```

Border

The CSS property to change the border of an element to Hex 1B6534 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
#1B6534 }
```

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

```
.border{ border-color:#1B6534 }
```

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

Here you see how a box with a 4 pixel #1B6534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6534; -webkit-box-shadow:4px 4px  
4px 4px #1B6534; box-shadow:4px 4px 4px  
4px #1B6534 }
```

Background

The CSS property to change the background color of an element to Hex 1B6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6534 }
```

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

```
.background{ background-color:#1B6534 }
```

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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