

Converting Colors

Hex(1B5726)

Have a look what the booklet for
Hex(1B5726) contains.

Hex(1B5726)	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(1B5726)

Conversions

Conversions Part 1

Format	Color
Hex	1B5726
RGB	27, 87, 38
RGB Percent	11%, 34%, 15%
CMY	0.8941, 0.6588, 0.8510
CMYK	0.69, 0.00, 0.56, 0.66
HSL	131°, 53%, 22%
HSV	131°, 69%, 34%
XYZ	4.2100, 7.1893, 2.9995
YIQ	63.4740, -20.0310, -27.9590

Conversions

Conversions Part 2

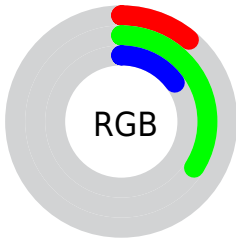
Format	Color
R_{YB}	27, 78, 87
Decimal	1791782
CIE _{Lab}	32.23, -31.00, 22.76
CIE _{LCh}	32, 38.454, 143.711
Yxy	7.1893, 0.2924, 0.4993
Android (android.graphics.Color)	4279981862 (0xFF1B5726)
YUV	63.4740, -12.5587, -31.9877
Hunter-Lab	26.8129, -18.8954, 12.1364

Details

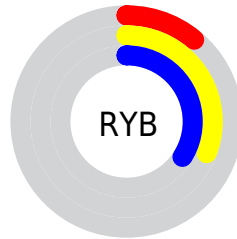
The Hex color **1B5726** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **571B4C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4F8A54**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **12571F**, and if you desaturate by 10%, it is **24572D**.

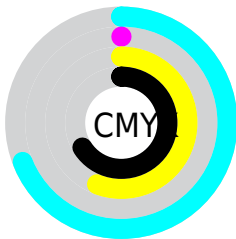
Distribution



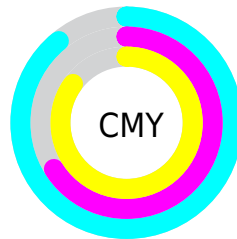
- Red (11%)
- Green (34%)
- Blue (15%)



- Red (11%)
- Yellow (31%)
- Blue (34%)



- Cyan (69%)
- Magenta (0%)
- Yellow (56%)
- Black (66%)



- Cyan (89%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5726 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 1B5726 by changing the saturation by 10% instead.

 1B5726

 1B5726

FFFFFF

 003F10

 4F8A54

 002900

 69A46D

 000F00

 83BF86

 000000

 9EDBA1

 BAF8BC

 D6FFD8

 F3FFF4

 1B5726

 1B5726

■ 12571F

■ 24572D

■ 0A5718

■ 2C5734

■ 015711

■ 35573B

■ 005710

■ 3E5742

■ 47574A

■ 4F5751

■ 585758

■ 61575F

■ 695766

Harmonies

Analogous

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



44510E



1B5726



005A44

Triad

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



1B5726



005188



823135

Complementary

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



1B5726



571B4C

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.



7F2F54



1B5726



404683

Square

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



1B5726



00587C



6A3970



763C1B

Rectangle

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



1B5726



005A59



6A3970



832F3F

Sweetspot

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



1B5726



59705D



4C571B



2A382D



B8B8B8



383838

Same Dimension

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



1B5726



137024



1B5744



272B28



006B14



00EB2B

Inverse Universe

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



571B4C



70135F



571B2E



2B272B



6B0057



EB00C0

Previews

White Background



This preview shows how the Hex color 1B5726 looks on a white background.

Color Contrast Check

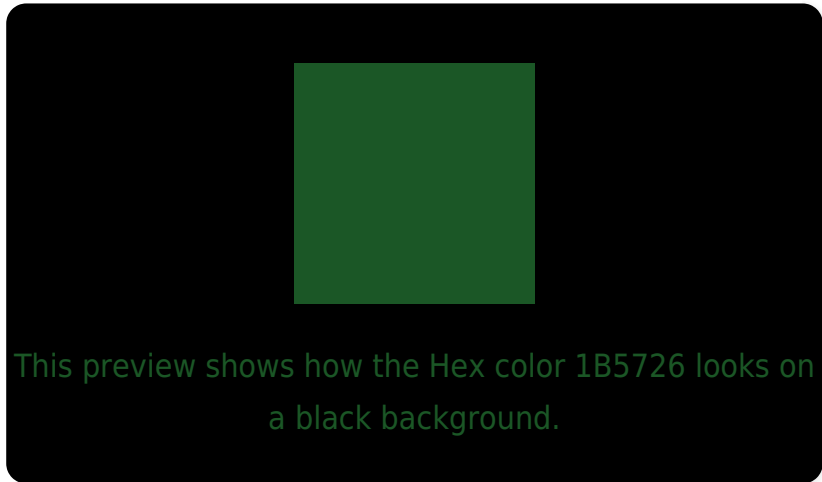
Large Text (above 18pt) WCAG AA ✓ Pass

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

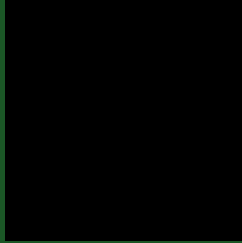
Any Text WCAG AA × Fail

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 1B5726 Background



This preview shows how black text looks on a background with the Hex color 1B5726.



This preview shows how white text looks on a background with the Hex color 1B5726.

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
1B5726

Protanopia
544C22

Deuteranopia
5C482A



Tritanopia
2A5258

Trichromacy



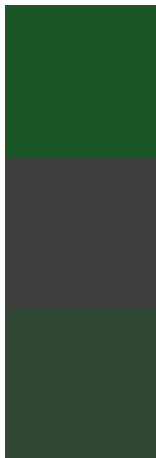
Original Color
1B5726

Protanomaly
3F5023

Deuteranomaly
444D29

Tritanomaly
255446

Monochromacy



Original Color
1B5726

Achromatopsia
3F3F3F

Achromatomaly
324836

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5726 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 #1B5726 looks like.

```
.text, #text, p{  
    color:#1B5726  
}
```

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 #1B5726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5726
}
```

Border

The CSS property to change the border of an element to Hex 1B5726 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
#1B5726 }
```

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

```
.border{ border-color:#1B5726 }
```

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

Here you see how a box with a 4 pixel #1B5726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5726; -webkit-box-shadow:4px 4px  
4px 4px #1B5726; box-shadow:4px 4px 4px  
4px #1B5726 }
```

Background

The CSS property to change the background color of an element to Hex 1B5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5726 }
```

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

```
.background{ background-color:#1B5726 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor