

Converting Colors

Hex(1B7A32)

Have a look what the booklet for
Hex(1B7A32) contains.

Hex(1B7A32)	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(1B7A32)

Conversions

Conversions Part 1

Format	Color
Hex	1B7A32
RGB	27, 122, 50
RGB Percent	11%, 48%, 20%
CMY	0.8941, 0.5216, 0.8039
CMYK	0.78, 0.00, 0.59, 0.52
HSL	135°, 64%, 29%
HSV	135°, 78%, 48%
XYZ	7.9873, 14.3824, 5.3727
YIQ	85.3870, -33.5080, -42.5320

Conversions

Conversions Part 2

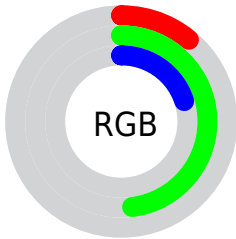
Format	Color
R_{YB}	27, 103, 122
Decimal	1800754
CIE _{Lab}	44.78, -42.96, 31.43
CIE _{LCh}	45, 53.230, 143.811
Yxy	14.3824, 0.2879, 0.5184
Android (android.graphics.Color)	4279990834 (0xFF1B7A32)
YUV	85.3870, -17.4458, -51.2054
Hunter-Lab	37.9241, -28.7730, 18.1472

Details

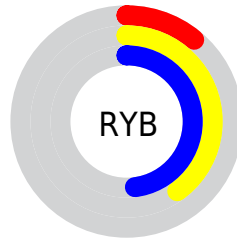
The Hex color **1B7A32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A1B63**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **57AF63**, and **004802** is the 20% darker color. If you saturate the color by 10%, you get **0F7A29**, and if you desaturate by 10%, it is **277A3B**.

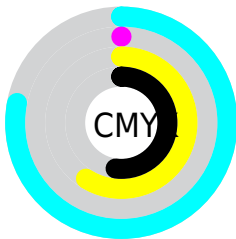
Distribution



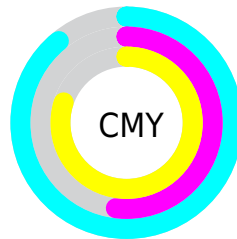
- Red (11%)
- Green (48%)
- Blue (20%)



- Red (11%)
- Yellow (40%)
- Blue (48%)



- Cyan (78%)
- Magenta (0%)
- Yellow (59%)
- Black (52%)



- Cyan (89%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7A32 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 1B7A32 by changing the saturation by 10% instead.

 1B7A32

 1B7A32

FFFFFF

 00601A

 57AF63

 004802

 73CB7C

 003000

 8FE896

 001900

 ABFFB1

 000000

 C8FFCD

 E5FFE9

 1B7A32

 1B7A32

 0F7A29

 277A3B

■ 037A20

■ 337A44

■ 007A1E

■ 407A4E

■ 4C7A57

■ 587A60

■ 647A69

■ 707A73

■ 7D7A7C

■ 897A85

Harmonies

Analogous

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



5D7206



1B7A32



007E5F

Triad

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



1B7A32



0072C2



B84149

Complementary

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



1B7A32



7A1B63

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.



B43D75



1B7A32



5762BC

Square

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



1B7A32



007BB1



964D9F



A75221

Rectangle

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



1B7A32



007F7E



964D9F



B93D57

Sweetspot

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



1B7A32



7A9E83



647A1B



394F3E



CFCFCF



4F4F4F

Same Dimension

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



1B7A32



0B9E2F



1B7A61



373D39



007D1E



00FC3D

Inverse Universe

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



7A1B63



9E0B7B



7A1B34



3D373C



7D005F



FC00BF

Previews

White Background



This preview shows how the Hex color 1B7A32 looks on a white background.

Color Contrast Check

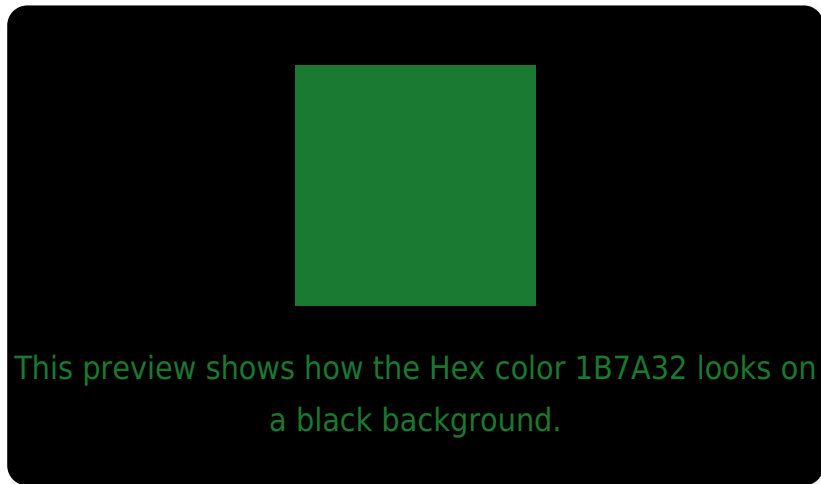
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B7A32 Background



This preview shows how black text looks on a background with the Hex color 1B7A32.



This preview shows how white text looks on a background with the Hex color 1B7A32.

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
1B7A32

Protanopia
756A2D

Deuteranopia
816438



Tritanopia
36727C

Trichromacy



Original Color
1B7A32



Protanomaly
54702F



Deuteranomaly
5C6C36

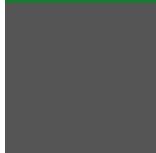


Tritanomaly
2C7561

Monochromacy



Original Color
1B7A32



Achromatopsia
555555



Achromatomaly
406248

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7A32 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 #1B7A32 looks like.

```
.text, #text, p{  
    color:#1B7A32  
}
```

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 #1B7A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7A32
}
```

Border

The CSS property to change the border of an element to Hex 1B7A32 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
#1B7A32 }
```

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

```
.border{ border-color:#1B7A32 }
```

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

Here you see how a box with a 4 pixel #1B7A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7A32; -webkit-box-shadow:4px 4px  
4px 4px #1B7A32; box-shadow:4px 4px 4px  
4px #1B7A32 }
```

Background

The CSS property to change the background color of an element to Hex 1B7A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7A32 }
```

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

```
.background{ background-color:#1B7A32 }
```

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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