

Converting Colors

Hex(1B7A28)

Have a look what the booklet for
Hex(1B7A28) contains.

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Color

Hex(1B7A28)

Conversions

Conversions Part 1

Format	Color
Hex	1B7A28
RGB	27, 122, 40
RGB Percent	11%, 48%, 16%
CMY	0.8941, 0.5216, 0.8431
CMYK	0.78, 0.00, 0.67, 0.52
HSL	128°, 64%, 29%
HSV	128°, 78%, 48%
XYZ	7.7945, 14.3053, 4.3579
YIQ	84.2470, -30.2980, -45.6420

Conversions

Conversions Part 2

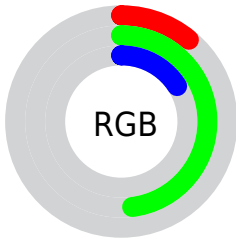
Format	Color
R_{YB}	27, 111, 122
Decimal	1800744
CIE _{Lab}	44.67, -44.27, 36.19
CIE _{LCh}	45, 57.176, 140.736
Yxy	14.3053, 0.2946, 0.5407
Android (android.graphics.Color)	4279990824 (0xFF1B7A28)
YUV	84.2470, -21.8138, -50.2056
Hunter-Lab	37.8223, -29.4033, 19.6443

Details

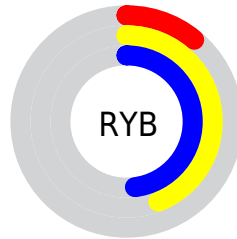
The Hex color **1B7A28** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A1B6D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **58AF59**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **0F7A1D**, and if you desaturate by 10%, it is **277A33**.

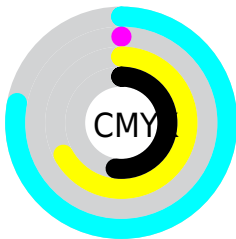
Distribution



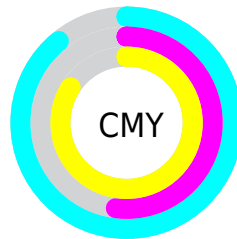
- Red (11%)
- Green (48%)
- Blue (16%)



- Red (11%)
- Yellow (44%)
- Blue (48%)



- Cyan (78%)
- Magenta (0%)
- Yellow (67%)
- Black (52%)



- Cyan (89%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7A28 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 1B7A28 by changing the saturation by 10% instead.

 1B7A28

 1B7A28

FFFFFF

 00600E

 58AF59

 004800

 74CB72

 003100

 90E88D

 001900

 ACFFA7

 000000

 C8FFC3

 E6FFDF

 FFFFFC

 1B7A28

 1B7A28

■ 0F7A1D

■ 277A33

■ 037A13

■ 337A3D

■ 007A11

■ 407A48

■ 4C7A52

■ 587A5D

■ 647A67

■ 707A72

■ 7D7A7C

■ 897A87

Harmonies

Analogous

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



607100



1B7A28



007E59

Triad

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



1B7A28



0074C8



BD394B

Complementary

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



1B7A28



7A1B6D

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.



B7387B



1B7A28



4763C3

Square

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



1B7A28



007CB3



944DA7



AD4E1F

Rectangle

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



1B7A28



007F7A



944DA7



BE365B

Sweetspot

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



1B7A28



7A9E7F



6D7A1B



394F3C



CFCFCF



4F4F4F

Same Dimension

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



1B7A28



0B9E1F



1B7A57



373D38



007D11



00FC23

Inverse Universe

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



7A1B6D



9E0B8A



7A1B3E



3D373C



7D006C



FC00DA

Previews

White Background



This preview shows how the Hex color 1B7A28 looks on a white background.

Color Contrast Check

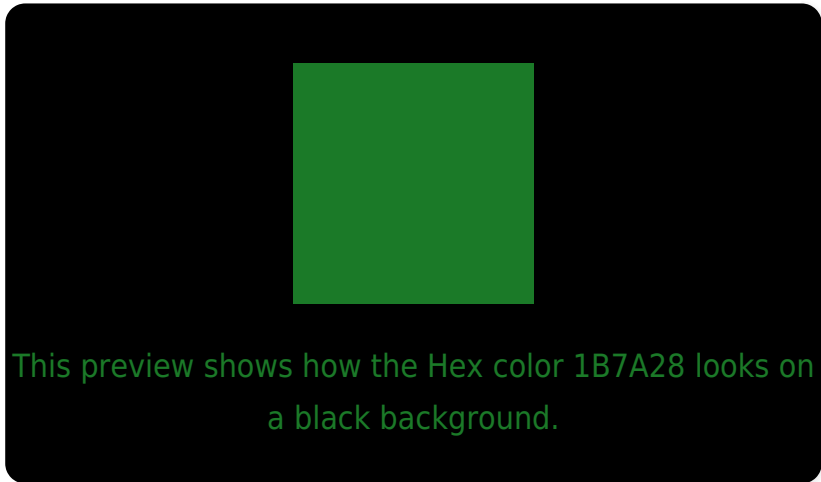
Large Text (above 18pt) WCAG AA ✓ Pass

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

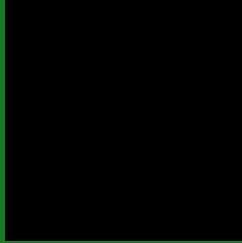
Any Text WCAG AA × Fail

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 1B7A28 Background



This preview shows how black text looks on a background with the Hex color 1B7A28.



This preview shows how white text looks on a background with the Hex color 1B7A28.

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
1B7A28

Protanopia
766923

Deuteranopia
82642F



Tritanopia
37727B

Trichromacy



Original Color
1B7A28

Protanomaly
556F25

Deuteranomaly
5D6C2C

Tritanomaly
2D755D

Monochromacy



Original Color
1B7A28

Achromatopsia
545454

Achromatomaly
3F6244

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7A28 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 #1B7A28 looks like.

```
.text, #text, p{  
    color:#1B7A28  
}
```

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 #1B7A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7A28  
}
```

Border

The CSS property to change the border of an element to Hex 1B7A28 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  
#1B7A28 }
```

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

```
.border{ border-color:#1B7A28 }
```

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

Here you see how a box with a 4 pixel #1B7A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7A28; -webkit-box-shadow:4px 4px  
4px 4px #1B7A28; box-shadow:4px 4px 4px  
4px #1B7A28 }
```

Background

The CSS property to change the background color of an element to Hex 1B7A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7A28 }
```

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

```
.background{ background-color:#1B7A28 }
```

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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