

Converting Colors

Hex(1A7830)

Have a look what the booklet for
Hex(1A7830) contains.

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Color

Hex(1A7830)

Conversions

Conversions Part 1

Format	Color
Hex	1A7830
RGB	26, 120, 48
RGB Percent	10%, 47%, 19%
CMY	0.8980, 0.5294, 0.8118
CMYK	0.78, 0.00, 0.60, 0.53
HSL	134°, 64%, 29%
HSV	134°, 78%, 47%
XYZ	7.6760, 13.8660, 5.0681
YIQ	83.6860, -32.9120, -42.3200

Conversions

Conversions Part 2

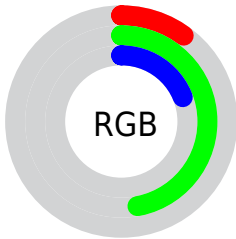
Format	Color
R_{YB}	26, 102, 120
Decimal	1734704
CIE _{Lab}	44.04, -42.67, 31.57
CIE _{LCh}	44, 53.081, 143.500
Yxy	13.8660, 0.2885, 0.5211
Android (android.graphics.Color)	4279924784 (0xFF1A7830)
YUV	83.6860, -17.5932, -50.5906
Hunter-Lab	37.2370, -28.3691, 17.9963

Details

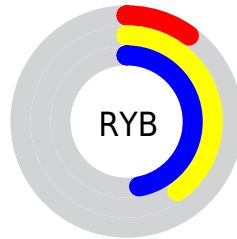
The Hex color **1A7830** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781A62**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **56AD60**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **0E7827**, and if you desaturate by 10%, it is **267839**.

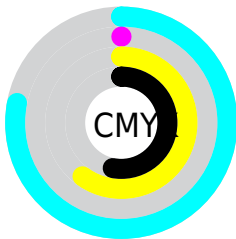
Distribution



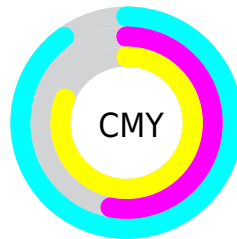
- Red (10%)
- Green (47%)
- Blue (19%)



- Red (10%)
- Yellow (40%)
- Blue (47%)



- Cyan (78%)
- Magenta (0%)
- Yellow (60%)
- Black (53%)



- Cyan (90%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7830 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 1A7830 by changing the saturation by 10% instead.

 1A7830

 1A7830

FFFFFF

 005F18

 56AD60

 004600

 72C97A

 002F00

 8EE594

 001700

 AAFFAF

 000000

 C6FFCB

 E3FFE7

 1A7830

 1A7830

 0E7827

 267839

■ 02781E

■ 327842

■ 00781C

■ 3E784C

■ 4A7855

■ 56785E

■ 627867

■ 6E7870

■ 7A787A

■ 867883

Harmonies

Analogous

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



5C7004



1A7830



007C5D

Triad

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



1A7830



0070C0



B63F48

Complementary

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



1A7830



781A62

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.



B23C74



1A7830



5461BA

Square

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



1A7830



0079AF



944C9D



A55020

Rectangle

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



1A7830



007D7B



944C9D



B73B56

Sweetspot

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



1A7830



769C7F



62781A



384F3D



CFCFCF



4F4F4F

Same Dimension

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



1A7830



099C2C



1A785F



373D39



007D1D



00FC3B

Inverse Universe

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



781A62



9C0979



781A33



3D373C



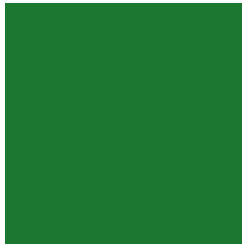
7D0060



FC00C1

Previews

White Background



This preview shows how the Hex color 1A7830 looks on a white background.

Color Contrast Check

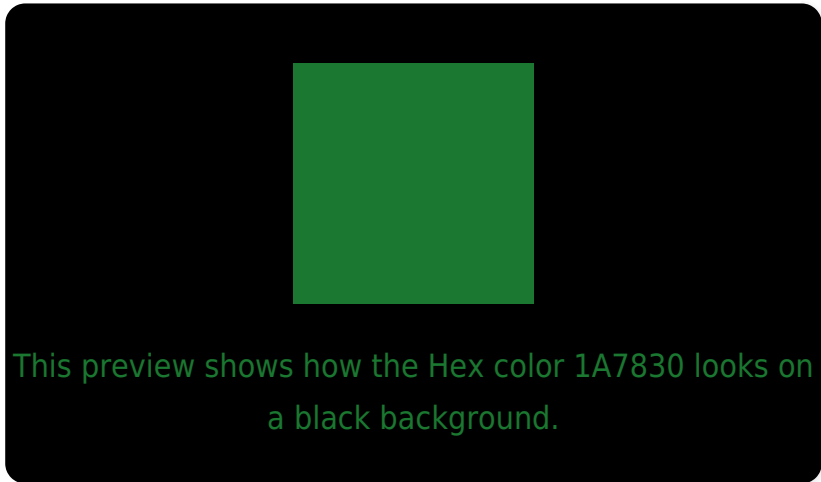
Large Text (above 18pt) WCAG AA ✓ Pass

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

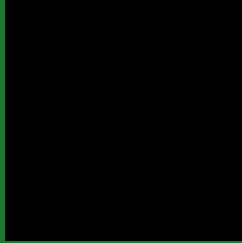
Any Text WCAG AA × Fail

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 1A7830 Background



This preview shows how black text looks on a background with the Hex color 1A7830.



This preview shows how white text looks on a background with the Hex color 1A7830.

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
1A7830

Protanopia
73682B

Deuteranopia
7F6336



Tritanopia
35717A

Trichromacy



Original Color
1A7830



Protanomaly
536E2D



Deuteranomaly
5A6B34



Tritanomaly
2B745F

Monochromacy



Original Color
1A7830



Achromatopsia
545454



Achromatomaly
3F6147

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7830 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 #1A7830 looks like.

```
.text, #text, p{  
    color:#1A7830  
}
```

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 #1A7830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7830
}
```

Border

The CSS property to change the border of an element to Hex 1A7830 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
#1A7830 }
```

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

```
.border{ border-color:#1A7830 }
```

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

Here you see how a box with a 4 pixel #1A7830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7830; -webkit-box-shadow:4px 4px  
4px 4px #1A7830; box-shadow:4px 4px 4px  
4px #1A7830 }
```

Background

The CSS property to change the background color of an element to Hex 1A7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7830 }
```

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

```
.background{ background-color:#1A7830 }
```

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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