

Converting Colors

Hex(1A7703)

Have a look what the booklet for
Hex(1A7703) contains.

Hex(1A7703)	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(1A7703)

Conversions

Conversions Part 1

Format	Color
Hex	1A7703
RGB	26, 119, 3
RGB Percent	10%, 47%, 1%
CMY	0.8980, 0.5333, 0.9882
CMYK	0.78, 0.00, 0.97, 0.53
HSL	108°, 95%, 24%
HSV	108°, 97%, 47%
XYZ	7.0393, 13.4198, 2.3054
YIQ	77.9690, -18.1920, -55.7920

Conversions

Conversions Part 2

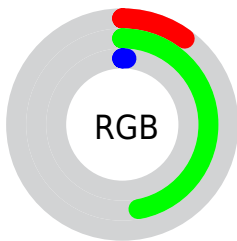
Format	Color
R_{YB}	3, 119, 96
Decimal	1734403
CIE Lab	43.39, -46.01, 47.07
CIE LCh	43, 65.821, 134.353
Yxy	13.4198, 0.3092, 0.5895
Android (android.graphics.Color)	4279924483 (0xFF1A7703)
YUV	77.9690, -36.9597, -45.5768
Hunter-Lab	36.6331, -29.8081, 21.9119

Details

The Hex color **1A7703** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **600377**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **58AC3F**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **187700**, and if you desaturate by 10%, it is **24770F**.

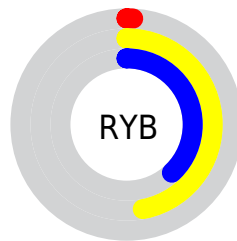
Distribution



Red (10%)

Green (47%)

Blue (1%)



Red (1%)

Yellow (47%)

Blue (38%)

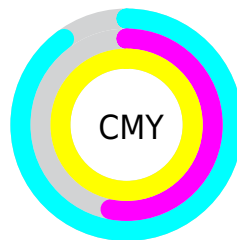


Cyan (78%)

Magenta (0%)

Yellow (97%)

Black (53%)



Cyan (90%)

Magenta (53%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7703 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 1A7703 by changing the saturation by 10% instead.

 1A7703

 1A7703

FFFFFF

 005E00

 58AC3F

 004500

 74C859

 002E00

 90E473

 001400

 ADFF8E

 000000

 CAFFA9

 E7FFC5

 FFFFE2

 1A7703

 1A7703

■ 187700

■ 24770F

■ 2D771B

■ 377727

■ 407733

■ 4A773F

■ 53774A

■ 5D7756

■ 667762

■ 70776E

Harmonies

Analogous

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



656C00



1A7703



007C47

Triad

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



1A7703



0075D0



C5204F

Complementary

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



1A7703



600377

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.



B82885



1A7703



0065D2

Square

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



1A7703



007CB2



884AB5



B63E1A

Rectangle

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



1A7703



007E6D



884AB5



C41C61

Sweetspot

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



1A7703



779C6E



776003



394F33



CFCFCF



4F4F4F

Same Dimension

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



1A7703



1F9C00



037726



363B35



187A00



32FA00

Inverse Universe

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



600377



7D009C



770354



39353B



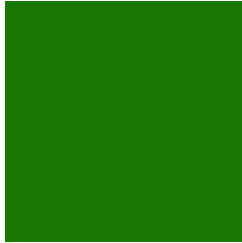
62007A



C800FA

Previews

White Background



This preview shows how the Hex color 1A7703 looks on a white background.

Color Contrast Check

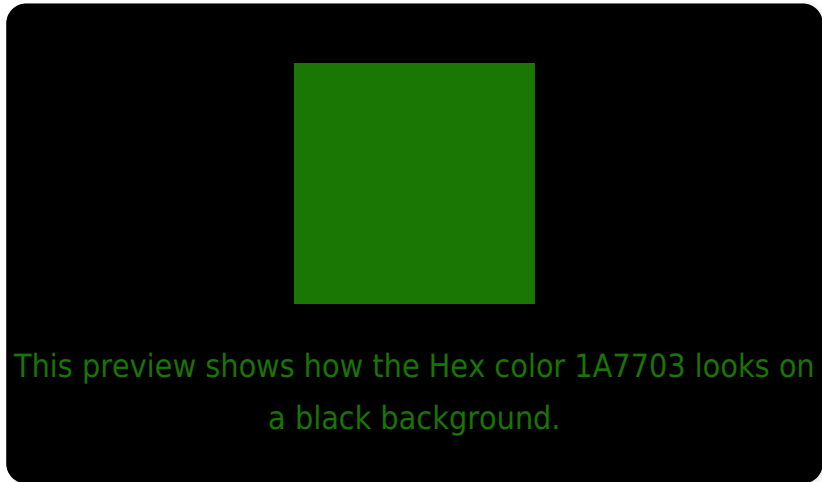
Large Text (above 18pt) WCAG AA ✓ Pass

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

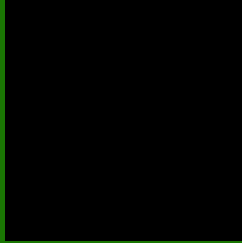
Any Text WCAG AA × Fail

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 1A7703 Background



This preview shows how black text looks on a background with the Hex color 1A7703.



This preview shows how white text looks on a background with the Hex color 1A7703.

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
1A7703

Protanopia
736600

Deuteranopia
80611A



Tritanopia
376F78

Trichromacy



Original Color
1A7703



Protanomaly
536C01



Deuteranomaly
5B6912



Tritanomaly
2C724D

Monochromacy



Original Color
1A7703



Achromatopsia
4E4E4E



Achromatomaly
3B5D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7703 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 #1A7703 looks like.

```
.text, #text, p{  
    color:#1A7703  
}
```

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 #1A7703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7703
}
```

Border

The CSS property to change the border of an element to Hex 1A7703 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".

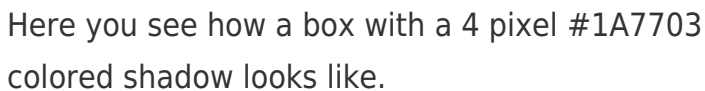
```
.border, #border, table{ border:4px solid
#1A7703 }
```

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

```
.border{ border-color:#1A7703 }
```

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

Here you see how a box with a 4 pixel #1A7703 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #1A7703.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7703; -webkit-box-shadow:4px 4px  
4px 4px #1A7703; box-shadow:4px 4px 4px  
4px #1A7703 }
```

Background

The CSS property to change the background color of an element to Hex 1A7703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7703 }
```

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

```
.background{ background-color:#1A7703 }
```

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