

Converting Colors

Hex(1E7722)

Have a look what the booklet for
Hex(1E7722) contains.

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Color

Hex(1E7722)

Conversions

Conversions Part 1

Format	Color
Hex	1E7722
RGB	30, 119, 34
RGB Percent	12%, 47%, 13%
CMY	0.8824, 0.5333, 0.8667
CMYK	0.75, 0.00, 0.71, 0.53
HSL	123°, 60%, 29%
HSV	123°, 75%, 47%
XYZ	7.4210, 13.5852, 3.7444
YIQ	82.6990, -25.7590, -45.3030

Conversions

Conversions Part 2

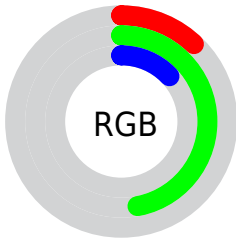
Format	Color
R_{YB}	30, 115, 119
Decimal	1996578
CIE Lab	43.63, -43.33, 37.78
CIE LCh	44, 57.485, 138.919
Yxy	13.5852, 0.2998, 0.5489
Android (android.graphics.Color)	4280186658 (0xFF1E7722)
YUV	82.6990, -24.0086, -46.2170
Hunter-Lab	36.8581, -28.5625, 19.7773

Details

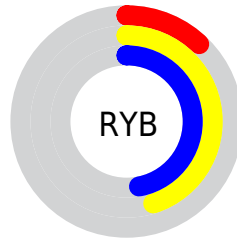
The Hex color **1E7722** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **771E73**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **59AC53**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **127717**, and if you desaturate by 10%, it is **2A772D**.

Distribution



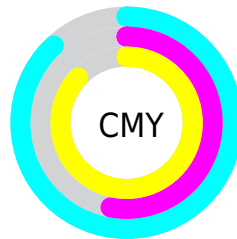
- Red (12%)
- Green (47%)
- Blue (13%)



- Red (12%)
- Yellow (45%)
- Blue (47%)



- Cyan (75%)
- Magenta (0%)
- Yellow (71%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7722 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 1E7722 by changing the saturation by 10% instead.

 1E7722

 1E7722

FFFFFF

 005E06

 59AC53

 004500

 75C86D

 002E00

 91E487

 001500


 ADFFA2

 000000

 C9FFBD

 E6FFD9

 FFFFF6

 1E7722

 1E7722

■ 127717

■ 2A772D

■ 06770B

■ 367739

■ 007705

■ 427744

■ 4E774F

■ 5A775B

■ 657766

■ 717772

■ 7D777D

■ 897788

Harmonies

Analogous

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



606E00



1E7722



007B53

Triad

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



1E7722



0072C5



BB354B

Complementary

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



1E7722



771E73

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.



B3367B



1E7722



3B62C2

Square

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



1E7722



007AAE



8E4BA6



AB491F

Rectangle

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



1E7722



007D75



8E4BA6



BB325B

Sweetspot

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



1E7722



799C7B



74771E



3A4F3B



CFCFCF



4F4F4F

Same Dimension

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



1E7722



109C16



1E774D



353B35



007A06



00FA0B

Inverse Universe

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



771E73



9C1095



771E48



3B353A



7A0075



FA00EF

Previews

White Background



This preview shows how the Hex color 1E7722 looks on a white background.

Color Contrast Check

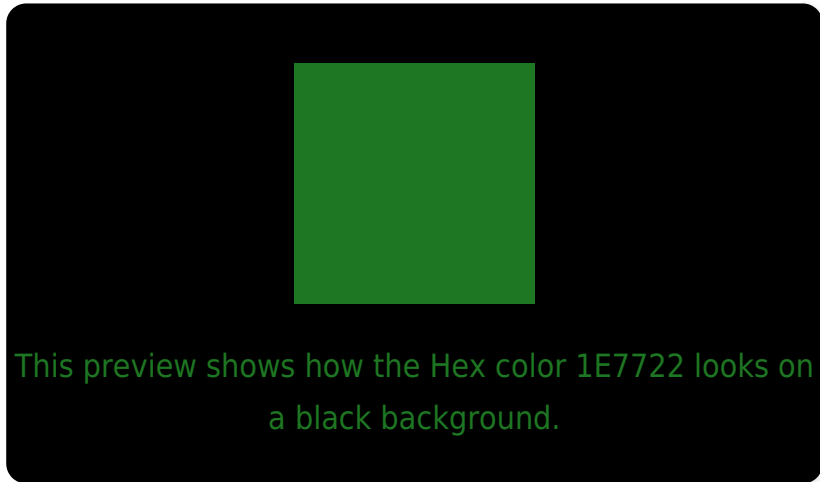
Large Text (above 18pt) WCAG AA ✓ Pass

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

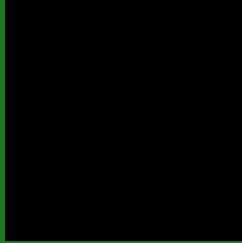
Any Text WCAG AA × Fail

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 1E7722 Background



This preview shows how black text looks on a background with the Hex color 1E7722.



This preview shows how white text looks on a background with the Hex color 1E7722.

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
1E7722

Protanopia
73671E

Deuteranopia
80622A



Tritanopia
386F78

Trichromacy



Original Color
1E7722

Protanomaly
546D1F

Deuteranomaly
5C6A27

Tritanomaly
2F7259

Monochromacy



Original Color
1E7722

Achromatopsia
535353

Achromatomaly
406041

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7722 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 #1E7722 looks like.

```
.text, #text, p{  
    color:#1E7722  
}
```

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 #1E7722 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7722
}
```

Border

The CSS property to change the border of an element to Hex 1E7722 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
#1E7722 }
```

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

```
.border{ border-color:#1E7722 }
```

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

Here you see how a box with a 4 pixel #1E7722 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7722; -webkit-box-shadow:4px 4px  
4px 4px #1E7722; box-shadow:4px 4px 4px  
4px #1E7722 }
```

Background

The CSS property to change the background color of an element to Hex 1E7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7722 }
```

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

```
.background{ background-color:#1E7722 }
```

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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