

Converting Colors

Hex(1E7B25)

Have a look what the booklet for
Hex(1E7B25) contains.

Hex(1E7B25)	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(1E7B25)

Conversions

Conversions Part 1

Format	Color
Hex	1E7B25
RGB	30, 123, 37
RGB Percent	12%, 48%, 15%
CMY	0.8824, 0.5176, 0.8549
CMYK	0.76, 0.00, 0.70, 0.52
HSL	125°, 61%, 30%
HSV	125°, 76%, 48%
XYZ	7.9523, 14.5755, 4.1445
YIQ	85.3890, -27.8220, -46.4620

Conversions

Conversions Part 2

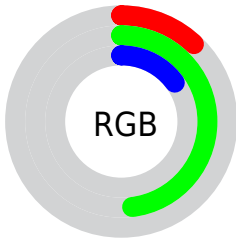
Format	Color
R_{YB}	30, 116, 123
Decimal	1997605
CIE _{Lab}	45.05, -44.45, 37.98
CIE _{LCh}	45, 58.463, 139.489
Yxy	14.5755, 0.2981, 0.5465
Android (android.graphics.Color)	4280187685 (0xFF1E7B25)
YUV	85.3890, -23.8558, -48.5762
Hunter-Lab	38.1779, -29.6304, 20.2882

Details

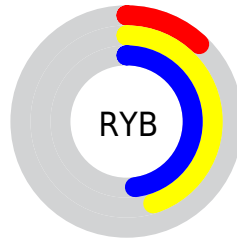
The Hex color **1E7B25** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7B1E74**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5AB156**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **127B1A**, and if you desaturate by 10%, it is **2A7B30**.

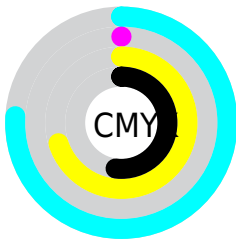
Distribution



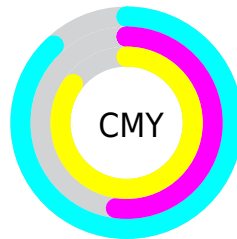
- Red (12%)
- Green (48%)
- Blue (15%)



- Red (12%)
- Yellow (45%)
- Blue (48%)



- Cyan (76%)
- Magenta (0%)
- Yellow (70%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7B25 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 1E7B25 by changing the saturation by 10% instead.

 1E7B25

 1E7B25

FFFFFF

 00610A

 5AB156

 004900

 76CC70

 003100

 92E98A

 001A00

 AEFFA5

 000000

 CBFFC0

 E8FFDD

 FFFFFA

 1E7B25

 1E7B25

■ 127B1A

■ 2A7B30

■ 057B0E

■ 377B3C

■ 007B09

■ 437B47

■ 4F7B52

■ 5B7B5E

■ 687B69

■ 747B75

■ 807B80

■ 8D7B8B

Harmonies

Analogous

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



637200



1E7B25



008057

Triad

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



1E7B25



0075CB



C0384D

Complementary

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



1E7B25



7B1E74

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.



B9387E



1E7B25



4165C7

Square

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



1E7B25



007EB4



934EAB



B04D20

Rectangle

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



1E7B25



008179



934EAB



C0355D

Sweetspot

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



1E7B25



7CA17E



757B1E



3B523C



D1D1D1



525252

Same Dimension

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



1E7B25



0EA119



1E7B53



373D38



007D09



00FC13

Inverse Universe

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



7B1E74



A10E96



7B1E46



3D373D



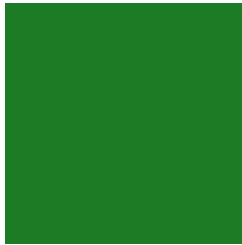
7D0074



FC00E9

Previews

White Background



This preview shows how the Hex color 1E7B25 looks on a white background.

Color Contrast Check

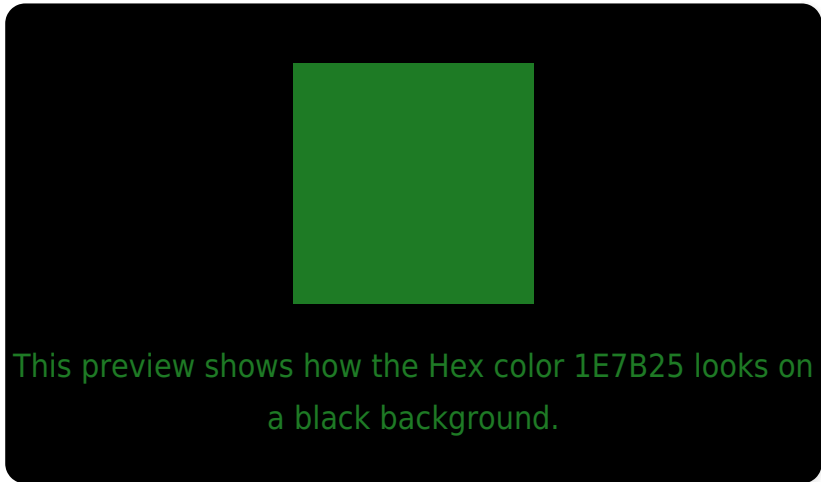
Large Text (above 18pt) WCAG AA ✓ Pass

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

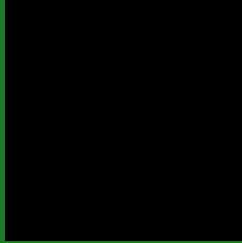
Any Text WCAG AA × Fail

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 1E7B25 Background



This preview shows how black text looks on a background with the Hex color 1E7B25.



This preview shows how white text looks on a background with the Hex color 1E7B25.

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





Tritanopia
39737C

Trichromacy



Original Color
1E7B25



Protanomaly
577022



Deuteranomaly
5F6D2A



Tritanomaly
2F765C

Monochromacy



Original Color
1E7B25



Achromatopsia
555555



Achromatomaly
416344

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7B25 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 #1E7B25 looks like.

```
.text, #text, p{  
    color:#1E7B25  
}
```

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 #1E7B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7B25
}
```

Border

The CSS property to change the border of an element to Hex 1E7B25 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
#1E7B25 }
```

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

```
.border{ border-color:#1E7B25 }
```

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

Here you see how a box with a 4 pixel #1E7B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7B25; -webkit-box-shadow:4px 4px  
4px 4px #1E7B25; box-shadow:4px 4px 4px  
4px #1E7B25 }
```

Background

The CSS property to change the background color of an element to Hex 1E7B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7B25 }
```

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

```
.background{ background-color:#1E7B25 }
```

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