

Converting Colors

Hex(1E7D2B)

Have a look what the booklet for
Hex(1E7D2B) contains.

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Color

Hex(1E7D2B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1E7D2B |
| RGB | 30, 125, 43 |
| RGB Percent | 12%, 49%, 17% |
| CMY | 0.8824, 0.5098, 0.8314 |
| CMYK | 0.76, 0.00, 0.66, 0.51 |
| HSL | 128°, 61%, 30% |
| HSV | 128°, 76%, 49% |
| XYZ | 8.3051, 15.1177, 4.7658 |
| YIQ | 87.2470, -30.2980, -45.6420 |

Conversions

Conversions Part 2

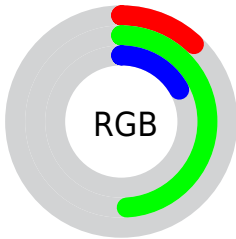
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 114, 125 |
| Decimal | 1998123 |
| CIE _{Lab} | 45.79, -44.48, 36.06 |
| CIE _{LCh} | 46, 57.264, 140.971 |
| Y _{xy} | 15.1177, 0.2946, 0.5363 |
| Android (android.graphics.Color) | 4280188203 (0xFF1E7D2B) |
| YUV | 87.2470, -21.8138, -50.2056 |
| Hunter-Lab | 38.8814, -29.9149, 19.9497 |

Details

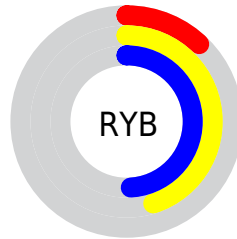
The Hex color **1E7D2B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7D1E70**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5AB35C**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **127D20**, and if you desaturate by 10%, it is **2B7D36**.

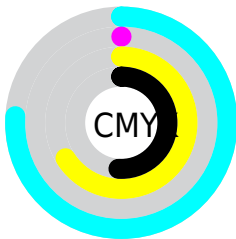
Distribution



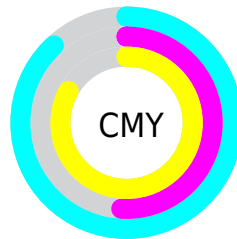
- Red (12%)
- Green (49%)
- Blue (17%)



- Red (12%)
- Yellow (45%)
- Blue (49%)



- Cyan (76%)
- Magenta (0%)
- Yellow (66%)
- Black (51%)



- Cyan (88%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7D2B 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 1E7D2B by changing the saturation by 10% instead.

 1E7D2B

 1E7D2B

FFFFFF

 006312

 5AB35C

 004B00

 76CF76

 003300

 92EB90

 001D00

 AEFFAB

 000000

 CBFFC6

 E8FFE3

 1E7D2B

 1E7D2B

 127D20

 2B7D36

■ 057D15

■ 377D41

■ 007D11

■ 447D4B

■ 507D56

■ 5D7D61

■ 697D6C

■ 767D77

■ 827D81

■ 8F7D8C

Harmonies

Analogous

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



637400



1E7D2B



00815C

Triad

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



1E7D2B



0076CC



C13D4D

Complementary

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



1E7D2B



7D1E70

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.



BA3B7D



1E7D2B



4B66C7

Square

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



1E7D2B



007FB6



974FA9



B05021

Rectangle

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



1E7D2B



00827D



974FA9



C1395D

Sweetspot

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



1E7D2B



7EA383



707D1E



3B523E



D1D1D1



525252

Same Dimension

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



1E7D2B



0FA323



1E7D5A



39403A



008011



000000

Inverse Universe

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



7D1E70



A30F8F



7D1E41



40393F



80006E



000000

Previews

White Background



This preview shows how the Hex color 1E7D2B looks on a white background.

Color Contrast Check

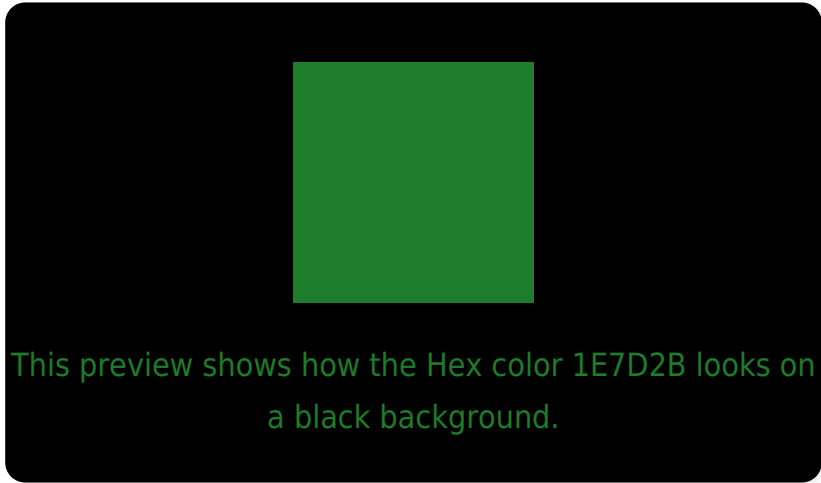
Large Text (above 18pt) WCAG AA ✓ Pass

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

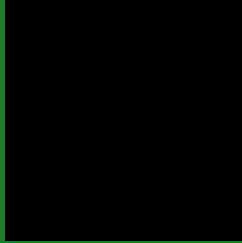
Any Text WCAG AA × Fail

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 1E7D2B Background



This preview shows how black text looks on a background with the Hex color 1E7D2B.



This preview shows how white text looks on a background with the Hex color 1E7D2B.

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
1E7D2B

Protanopia
796C26

Deuteranopia
856732



Tritanopia
39757E

Trichromacy



Original Color
1E7D2B



Protanomaly
587228



Deuteranomaly
606F2F



Tritanomaly
2F7860

Monochromacy



Original Color
1E7D2B



Achromatopsia
575757



Achromatomaly
426547

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7D2B 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 #1E7D2B looks like.

```
.text, #text, p{  
    color:#1E7D2B  
}
```

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 #1E7D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7D2B
}
```

Border

The CSS property to change the border of an element to Hex 1E7D2B 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".

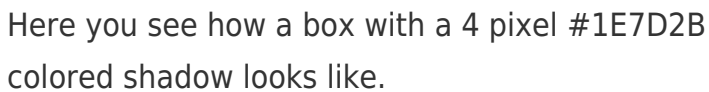
```
.border, #border, table{ border:4px solid
#1E7D2B }
```

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

```
.border{ border-color:#1E7D2B }
```

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

Here you see how a box with a 4 pixel #1E7D2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7D2B; -webkit-box-shadow:4px 4px  
4px 4px #1E7D2B; box-shadow:4px 4px 4px  
4px #1E7D2B }
```

Background

The CSS property to change the background color of an element to Hex 1E7D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7D2B }
```

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

```
.background{ background-color:#1E7D2B }
```

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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