

# Converting Colors

Hex(1E8134)

Have a look what the booklet for  
Hex(1E8134) contains.

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# Color

**Hex(1E8134)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 1E8134                      |
| RGB         | 30, 129, 52                 |
| RGB Percent | 12%, 51%, 20%               |
| CMY         | 0.8824, 0.4941, 0.7961      |
| CMYK        | 0.77, 0.00, 0.60, 0.49      |
| HSL         | 133°, 62%, 31%              |
| HSV         | 133°, 77%, 51%              |
| XYZ         | 9.0055, 16.2245, 5.9058     |
| YIQ         | 90.6210, -34.2870, -44.9350 |

# Conversions

## Conversions Part 2

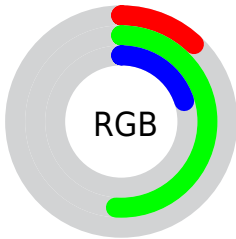
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 30, 111, 129                   |
| Decimal                             | 1999156                        |
| CIE <sub>Lab</sub>                  | 47.27, -44.76, 33.38           |
| CIE <sub>LCh</sub>                  | 47, 55.835, 143.291            |
| Yxy                                 | 16.2245, 0.2892,<br>0.5211     |
| Android<br>(android.graphics.Color) | 4280189236<br>(0xFF1E8134)     |
| YUV                                 | 90.6210, -19.0402,<br>-53.1646 |
| Hunter-Lab                          | 40.2796, -30.5812,<br>19.5026  |

# Details

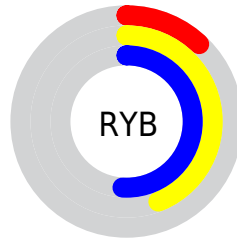
The Hex color **1E8134** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **811E6B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5BB765**, and **004E02** is the 20% darker color. If you saturate the color by 10%, you get **11812A**, and if you desaturate by 10%, it is **2B813E**.

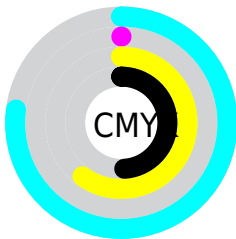
# Distribution



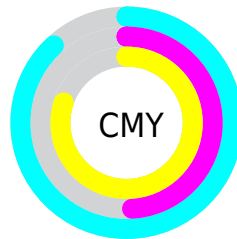
- Red (12%)
- Green (51%)
- Blue (20%)



- Red (12%)
- Yellow (44%)
- Blue (51%)



- Cyan (77%)
- Magenta (0%)
- Yellow (60%)
- Black (49%)



- Cyan (88%)
- Magenta (49%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E8134 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 1E8134 by changing the saturation by 10% instead.



 1E8134

 1E8134

FFFFFF

 00671C

 5BB765

 004E02

 77D37F

 003600

 93F099

 002100

 AFFFB4


 000000

 CCFFD0

 E9FFED

 1E8134

 1E8134

 11812A

 2B813E

■ 048120

■ 388148

■ 00811D

■ 458152

■ 52815C

■ 5F8166

■ 6B8170

■ 78817A

■ 858184

■ 92818E

# Harmonies

## Analogous

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



637804



1E8134



008564

# Triad

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



1E8134



0079CE



C3444E

# Complementary

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



1E8134



811E6B

# 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.



BE417D



1E8134



5A68C7

# Square

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



1E8134



0082BB



9E52A9



B15724

# Rectangle

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



1E8134



008684



9E52A9



C4405D



# Sweetspot

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



1E8134



82A88A



6C811E



3D5442



D4D4D4



545454



# Same Dimension

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



1E8134



0DA830



1E8165



39403B



00801C



000000



# Inverse Universe

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



811E6B



A80D86



811E3A



40393E



800063



000000



# Previews

## White Background



This preview shows how the Hex color 1E8134 looks on a white background.

## Color Contrast Check

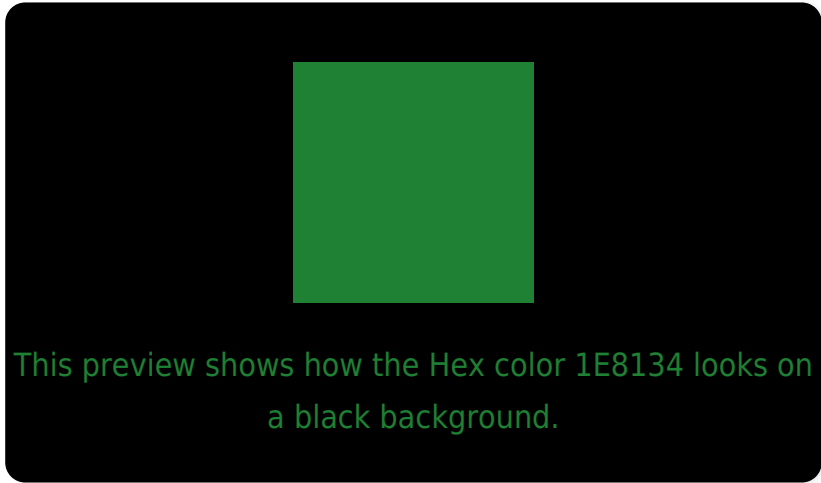
Large Text (above 18pt) WCAG AA ✓ Pass

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

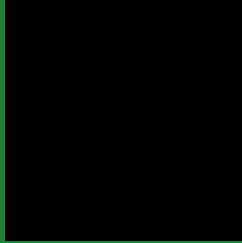
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E8134 Background



This preview shows how black text looks on a background with the Hex color 1E8134.



This preview shows how white text looks on a background with the Hex color 1E8134.

# 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**  
1E8134

**Protanopia**  
7C702F

**Deuteranopia**  
896A3B



**Tritanopia**  
3A7983

# Trichromacy



**Original Color**

1E8134



**Protanomaly**

5A7631



**Deuteranomaly**

627238



**Tritanomaly**

307C66

# Monochromacy



**Original Color**

1E8134



**Achromatopsia**

5B5B5B



**Achromatomaly**

45694D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E8134 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 #1E8134 looks like.

```
.text, #text, p{  
    color:#1E8134  
}
```

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 #1E8134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8134
}
```

## Border

The CSS property to change the border of an element to Hex 1E8134 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
#1E8134 }
```

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

```
.border{ border-color:#1E8134 }
```

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

Here you see how a box with a 4 pixel #1E8134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8134; -webkit-box-shadow:4px 4px  
4px 4px #1E8134; box-shadow:4px 4px 4px  
4px #1E8134 }
```

# Background

The CSS property to change the background color of an element to Hex 1E8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8134 }
```

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

```
.background{ background-color:#1E8134 }
```

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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