

Converting Colors

Hex(1E8000)

Have a look what the booklet for
Hex(1E8000) contains.

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Color

Hex(1E8000)

Conversions

Conversions Part 1

Format	Color
Hex	1E8000
RGB	30, 128, 0
RGB Percent	12%, 50%, 0%
CMY	0.8824, 0.4980, 1.0000
CMYK	0.77, 0.00, 1.00, 0.50
HSL	106°, 100%, 25%
HSV	106°, 100%, 50%
XYZ	8.2546, 15.7144, 2.5981
YIQ	84.1060, -17.3200, -60.5840

Conversions

Conversions Part 2

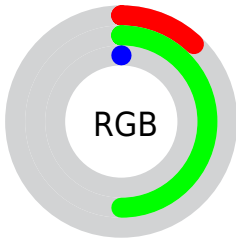
Format	Color
RYB	0, 128, 98
Decimal	1998848
CIELab	46.60, -48.39, 50.35
CIELCh	47, 69.835, 133.866
Yxy	15.7144, 0.3107, 0.5915
Android (android.graphics.Color)	4280188928 (0xFF1E8000)
YUV	84.1060, -41.4643, -47.4510
Hunter-Lab	39.6413, -32.2030, 23.8630

Details

The Hex color **1E8000** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **620080**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5DB640**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **1E8000**, and if you desaturate by 10%, it is **28800D**.

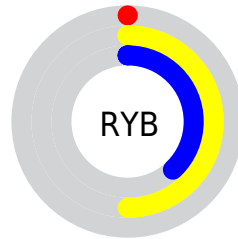
Distribution



Red (12%)

Green (50%)

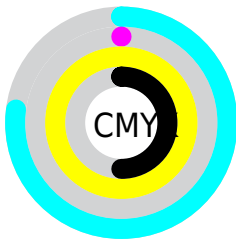
Blue (0%)



Red (0%)

Yellow (50%)

Blue (38%)

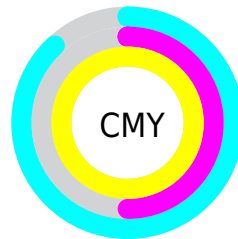


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (88%)


Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8000 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 1E8000 by changing the saturation by 10% instead.

 1E8000

 1E8000

FFFFFF

 006600

 5DB640

 004D00

 79D25A

 003500

 96EF74

 001F00

 B2FF8F

 000000

 D0FFAB

 EDFFC7

 FFFFE4

 1E8000

 28800D

 32801A

 3B8026

 458033

 4F8040

 59804D

 63805A

 6C8066

 768073

Harmonies

Analogous

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



6D7400



1E8000



00864B

Triad

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



1E8000



007EE0



D42156

Complementary

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



1E8000



620080

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.



C52C91



1E8000



006DE2

Square

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



1E8000



0086BF



9150C4



C4421D

Rectangle

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



1E8000



008775



9150C4



D31E6A

Sweetspot

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



1E8000



80A674



806000



3D5436



D4D4D4



545454

Same Dimension

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



1E8000



27A600



008020



3B4039



000000

Inverse Universe

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



620080



7F00A6



800060



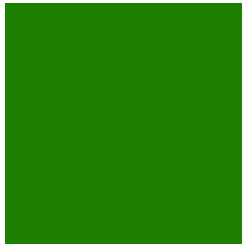
3E3940



000000

Previews

White Background



This preview shows how the Hex color 1E8000 looks on a white background.

Color Contrast Check

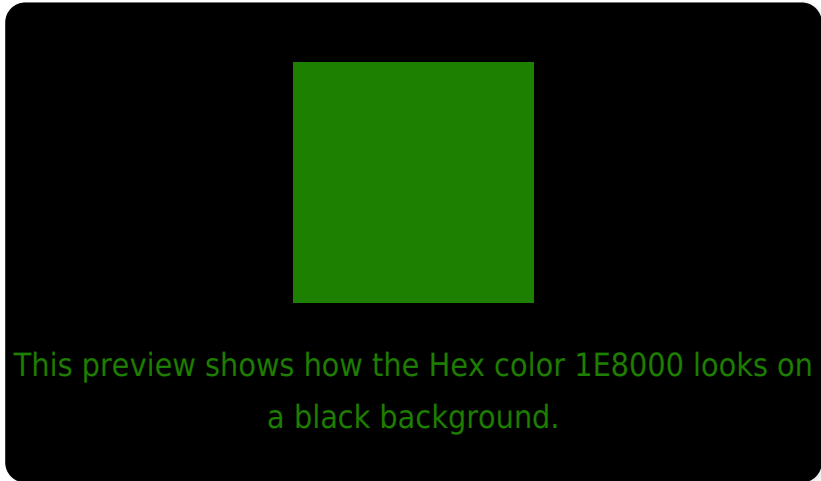
Large Text (above 18pt) WCAG AA ✓ Pass

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

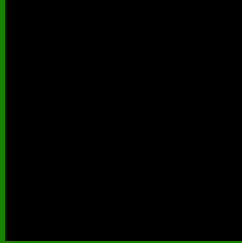
Any Text WCAG AA × Fail

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 1E8000 Background



This preview shows how black text looks on a background with the Hex color 1E8000.

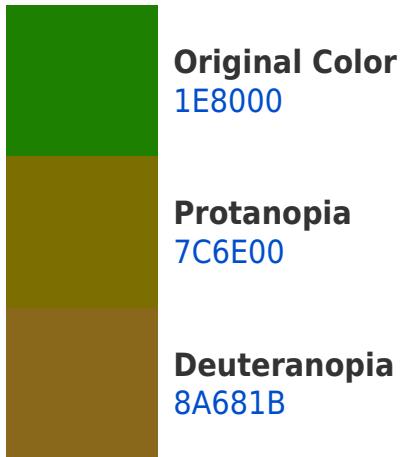



This preview shows how white text looks on a background with the Hex color 1E8000.

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
3C7781

Trichromacy



Original Color
1E8000

Protanomaly
5A7500

Deuteranomaly
637111

Tritanomaly
317A52

Monochromacy



Original Color
1E8000

Achromatopsia
545454

Achromatomaly
406435

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8000 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 #1E8000 looks like.

```
.text, #text, p{  
    color:#1E8000  
}
```

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 #1E8000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8000
}
```

Border

The CSS property to change the border of an element to Hex 1E8000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

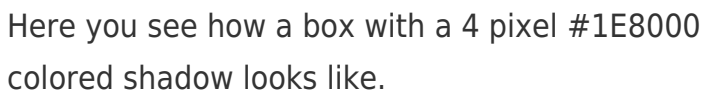
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E8000 }
```

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

```
.border{ border-color:#1E8000 }
```

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



Here you see how a box with a 4 pixel #1E8000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8000; -webkit-box-shadow:4px 4px  
4px 4px #1E8000; box-shadow:4px 4px 4px  
4px #1E8000 }
```

Background

The CSS property to change the background color of an element to Hex 1E8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8000 }
```

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

```
.background{ background-color:#1E8000 }
```

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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