

Converting Colors

Hex(1E8401)

Have a look what the booklet for
Hex(1E8401) contains.

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Color

Hex(1E8401)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1E8401 |
| RGB | 30, 132, 1 |
| RGB Percent | 12%, 52%, 0% |
| CMY | 0.8824, 0.4824, 0.9961 |
| CMYK | 0.77, 0.00, 0.99, 0.48 |
| HSL | 107°, 98%, 26% |
| HSV | 107°, 99%, 52% |
| XYZ | 8.7922, 16.7807, 2.8043 |
| YIQ | 86.5680, -18.7410, -62.3650 |

Conversions

Conversions Part 2

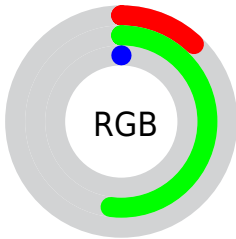
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 1, 132, 103 |
| Decimal | 1999873 |
| CIE _{Lab} | 47.98, -49.66, 51.25 |
| CIE _{LCh} | 48, 71.363, 134.096 |
| Yxy | 16.7807, 0.3098, 0.5913 |
| Android (android.graphics.Color) | 4280189953 (0xFF1E8401) |
| YUV | 86.5680, -42.1850, -49.6101 |
| Hunter-Lab | 40.9643, -33.3761, 24.6161 |

Details

The Hex color **1E8401** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **670184**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5EBA41**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **1D8400**, and if you desaturate by 10%, it is **28840E**.

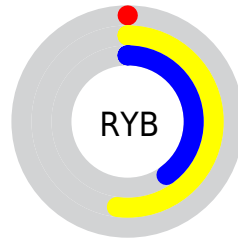
Distribution



Red (12%)

Green (52%)

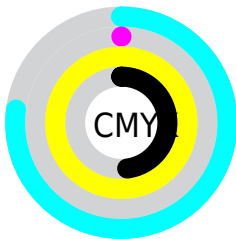
Blue (0%)



Red (0%)

Yellow (52%)

Blue (40%)

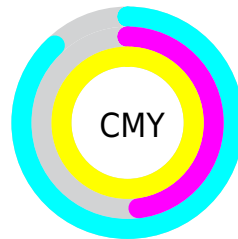


Cyan (77%)

Magenta (0%)

Yellow (99%)

Black (48%)



Cyan (88%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8401 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 1E8401 by changing the saturation by 10% instead.



1E8401



1E8401

FFFFFF



006A00



5EBA41



005100



7BD65C



003900



97F376



002300



B4FF91



000000



D1FFAD



EFFFC9



FFFFE6



1E8401



1E8401

■ 1D8400

■ 28840E

■ 33841B

■ 3D8429

■ 478436

■ 518443

■ 5C8450

■ 66845D

■ 70846B

■ 7B8478

Harmonies

Analogous

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



707800



1E8401



008A4E

Triad

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



1E8401



0082E7



DA2358

Complementary

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



1E8401



670184

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.



CB2D94



1E8401



0070E8

Square

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



1E8401



008AC5



9652C9



CA441E

Rectangle

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



1E8401



008C79



9652C9



D91F6C

Sweetspot

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



1E8401



83AB78



846501



3E5737



D6D6D6



575757

Same Dimension

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



1E8401



26AB00



018424



3D423C



1D8200



010300

Inverse Universe

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



670184



8500AB



840161



413C42



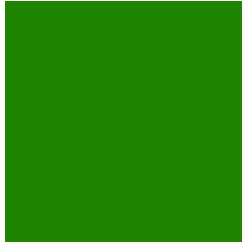
650082



020003

Previews

White Background



This preview shows how the Hex color 1E8401 looks on a white background.

Color Contrast Check

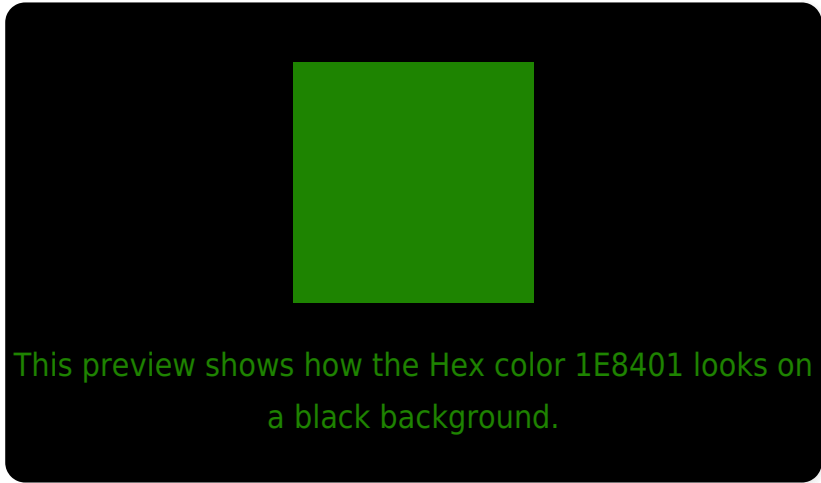
Large Text (above 18pt) WCAG AA ✓ Pass

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

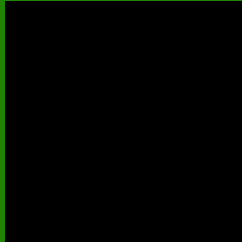
Any Text WCAG AA × Fail

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 1E8401 Background



This preview shows how black text looks on a background with the Hex color 1E8401.



This preview shows how white text looks on a background with the Hex color 1E8401.

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
1E8401

Protanopia
807200

Deuteranopia
8E6C1C



Tritanopia
3E7B85

Trichromacy



Original Color
1E8401



Protanomaly
5C7900



Deuteranomaly
657512



Tritanomaly
327E55

Monochromacy



Original Color
1E8401



Achromatopsia
575757



Achromatomaly
426738

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8401 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 #1E8401 looks like.

```
.text, #text, p{  
    color:#1E8401  
}
```

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 #1E8401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8401
}
```

Border

The CSS property to change the border of an element to Hex 1E8401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

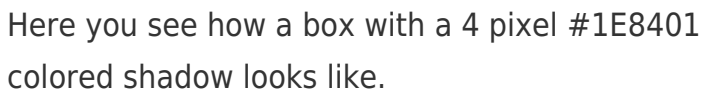
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E8401 }
```

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

```
.border{ border-color:#1E8401 }
```

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



Here you see how a box with a 4 pixel #1E8401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8401; -webkit-box-shadow:4px 4px  
4px 4px #1E8401; box-shadow:4px 4px 4px  
4px #1E8401 }
```

Background

The CSS property to change the background color of an element to Hex 1E8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8401 }
```

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

```
.background{ background-color:#1E8401 }
```

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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