

Converting Colors

Hex(1D4000)

Have a look what the booklet for
Hex(1D4000) contains.

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Color

Hex(1D4000)

Conversions

Conversions Part 1

Format	Color
Hex	1D4000
RGB	29, 64, 0
RGB Percent	11%, 25%, 0%
CMY	0.8863, 0.7490, 1.0000
CMYK	0.55, 0.00, 1.00, 0.75
HSL	93°, 100%, 13%
HSV	93°, 100%, 25%
XYZ	2.3401, 3.9280, 0.6348
YIQ	46.2390, -0.3160, -27.3240

Conversions

Conversions Part 2

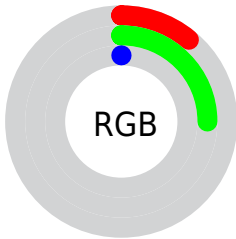
Format	Color
RYB	0, 64, 35
Decimal	1916928
CIELab	23.43, -24.51, 31.32
CIELCh	23, 39.769, 128.044
Yxy	3.9280, 0.3390, 0.5690
Android (android.graphics.Color)	4280107008 (0xFF1D4000)
YUV	46.2390, -22.7958, -15.1186
Hunter-Lab	19.8192, -13.6077, 11.9743

Details

The Hex color **1D4000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **230040**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4D7030**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **1D4000**, and if you desaturate by 10%, it is **214006**.

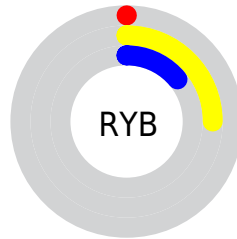
Distribution



Red (11%)

Green (25%)

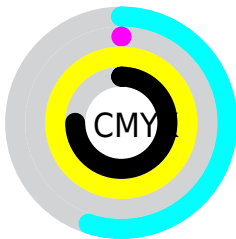
Blue (0%)



Red (0%)

Yellow (25%)

Blue (14%)

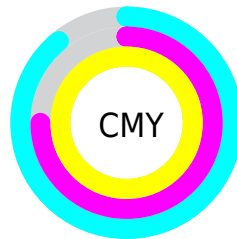


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (89%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4000 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 1D4000 by changing the saturation by 10% instead.

 1D4000

 1D4000

 FFFFE7

 042A00

 4D7030

 001400

 678A48

 000000

 81A460

 9BBF7A

 B7DB94

 D3F8AF

 EFFFCA

 1D4000

■ 214006

■ 24400D

■ 284013

■ 2B401A

■ 2F4020

■ 324026

■ 36402D

■ 394033

■ 3D403A

Harmonies

Analogous

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



3E3900



1D4000



004420

Triad

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



1D4000



00416F



6C1531

Complementary

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



1D4000



230040

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.



611C4F



1D4000



003973

Square

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



1D4000



00445C



422C67



671F15

Rectangle

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



1D4000



004535



422C67



6A153B

Sweetspot

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



1D4000



46543B



402200



232B1C



ABABAB



2B2B2B

Same Dimension

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



1D4000



265400



004002



1F211E



2C6100



66E000

Inverse Universe

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



230040



2E0054



40003E



201E21



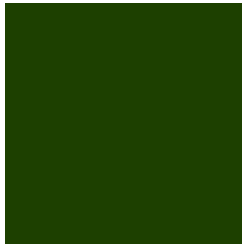
350061



7B00E0

Previews

White Background



This preview shows how the Hex color 1D4000 looks on a white background.

Color Contrast Check

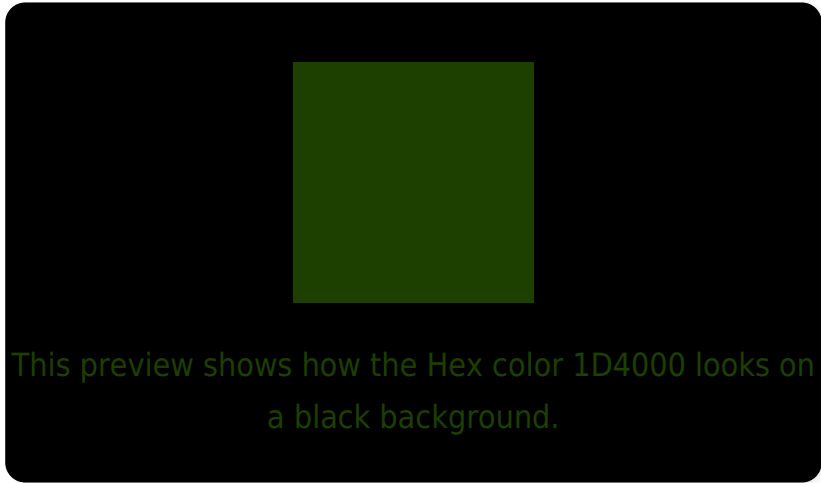
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

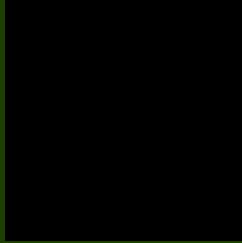
Any Text WCAG AA × Fail

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 1D4000 Background



This preview shows how black text looks on a background with the Hex color 1D4000.



This preview shows how white text looks on a background with the Hex color 1D4000.

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](#).

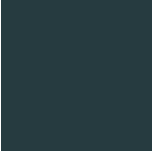
Dichromacy



Original Color
1D4000

Protanopia
3F3800

Deuteranopia
46350D



Tritanopia
263B40

Trichromacy



Original Color
1D4000

Protanomaly
333B00

Deuteranomaly
373908

Tritanomaly
233D29

Monochromacy



Original Color
1D4000

Achromatopsia
2E2E2E

Achromatomaly
28351D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4000 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 #1D4000 looks like.

```
.text, #text, p{  
    color:#1D4000  
}
```

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 #1D4000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4000
}
```

Border

The CSS property to change the border of an element to Hex 1D4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

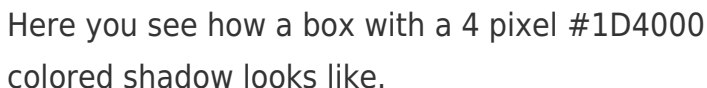
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D4000 }
```

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

```
.border{ border-color:#1D4000 }
```

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



Here you see how a box with a 4 pixel #1D4000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4000; -webkit-box-shadow:4px 4px  
4px 4px #1D4000; box-shadow:4px 4px 4px  
4px #1D4000 }
```

Background

The CSS property to change the background color of an element to Hex 1D4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4000 }
```

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

```
.background{ background-color:#1D4000 }
```

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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