

Converting Colors

Hex(1D4033)

Have a look what the booklet for
Hex(1D4033) contains.

Hex(1D4033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D4033)

Conversions

Conversions Part 1

Format	Color
Hex	1D4033
RGB	29, 64, 51
RGB Percent	11%, 25%, 20%
CMY	0.8863, 0.7490, 0.8000
CMYK	0.55, 0.00, 0.20, 0.75
HSL	158°, 38%, 18%
HSV	158°, 55%, 25%
XYZ	2.9376, 4.1670, 3.7815
YIQ	52.0530, -16.6870, -11.4630

Conversions

Conversions Part 2

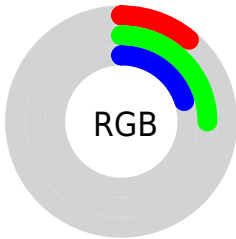
Format	Color
R_{YB}	29, 50, 64
Decimal	1916979
CIE _{Lab}	24.22, -16.43, 4.09
CIE _{LCh}	24, 16.933, 166.038
Yxy	4.1670, 0.2699, 0.3828
Android (android.graphics.Color)	4280107059 (0xFF1D4033)
YUV	52.0530, -0.5191, -20.2175
Hunter-Lab	20.4133, -10.0357, 3.3061

Details

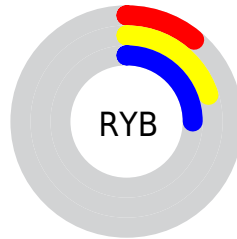
The Hex color **1D4033** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401D2A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4C7061**, and **001705** is the 20% darker color. If you saturate the color by 10%, you get **174031**, and if you desaturate by 10%, it is **234035**.

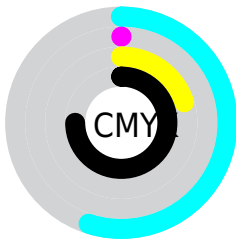
Distribution



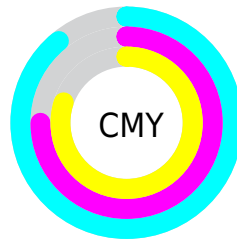
- Red (11%)
- Green (25%)
- Blue (20%)



- Red (11%)
- Yellow (20%)
- Blue (25%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (75%)



- Cyan (89%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4033 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 1D4033 by changing the saturation by 10% instead.

■ 1D4033

■ 1D4033

FFFFFF

■ 052A1E

■ 4C7061

■ 001705

■ 648A7A

■ 000000

■ 7EA494

■ 98BFAE

■ B3DBCA

■ CFF8E6

■ EBFFFF

■ 1D4033

■ 1D4033

■ 174031

■ 234035

■ 10402E

■ 2A4038

■ 0A402C

■ 30403A

■ 034029

■ 37403D

■ 004028

■ 3D403F

■ 434041

■ 4A4044

■ 504046

■ 574048

Harmonies

Analogous

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



2D3E27



1D4033



0D4040

Triad

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



1D4033



323852



503228

Complementary

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



1D4033



401D2A

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.



533033



1D4033



44344B

Square

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



1D4033



1D3D52



4F3040



473721

Rectangle

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



1D4033



084048



4F3040



51312B

Sweetspot

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



1D4033



47544F



2A401D



232B28



ABABAB



2B2B2B

Same Dimension

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



1D4033



1D5440



1D3C40



1E2120



00613D



00E08D

Inverse Universe

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



401D2A



541D31



40211D



211E1F



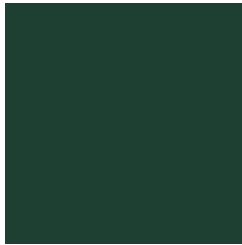
610024



E00053

Previews

White Background



This preview shows how the Hex color 1D4033 looks on a white background.

Color Contrast Check

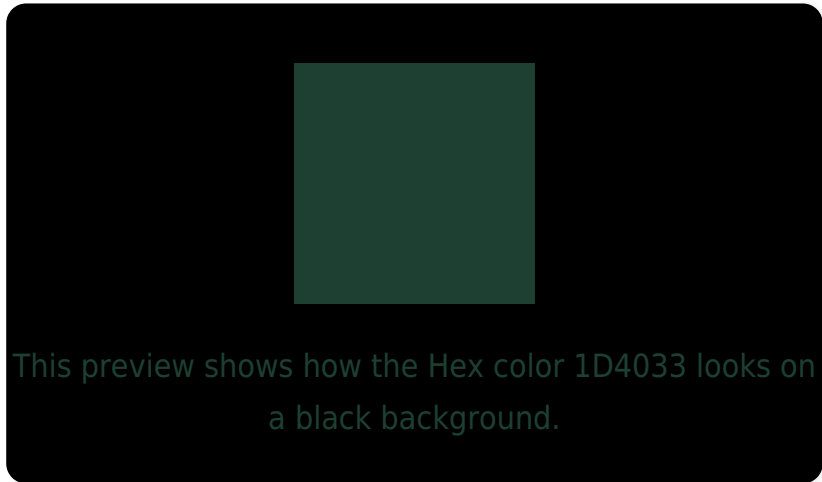
Large Text (above 18pt) WCAG AA ✓ Pass

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

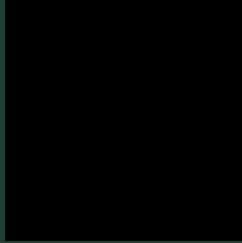
Any Text WCAG AA × Fail

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 1D4033 Background



This preview shows how black text looks on a background with the Hex color 1D4033.



This preview shows how white text looks on a background with the Hex color 1D4033.

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](#).

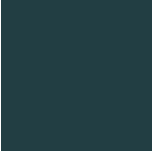
Dichromacy



Original Color
1D4033

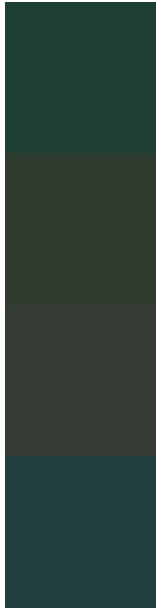
Protanopia
3D3930

Deuteranopia
413735



Tritanopia
223E43

Trichromacy



Original Color
1D4033

Protanomaly
313C31

Deuteranomaly
343A34

Tritanomaly
203F3D

Monochromacy



Original Color
1D4033

Achromatopsia
343434

Achromatomaly
2C3834

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4033 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 #1D4033 looks like.

```
.text, #text, p{  
    color:#1D4033  
}
```

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 #1D4033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4033  
}
```

Border

The CSS property to change the border of an element to Hex 1D4033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

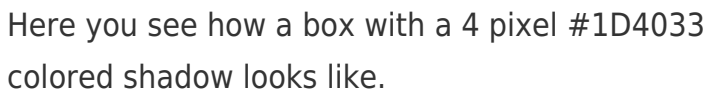
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1D4033 }
```

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

```
.border{ border-color:#1D4033 }
```

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



Here you see how a box with a 4 pixel #1D4033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4033; -webkit-box-shadow:4px 4px  
4px 4px #1D4033; box-shadow:4px 4px 4px  
4px #1D4033 }
```

Background

The CSS property to change the background color of an element to Hex 1D4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4033 }
```

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

```
.background{ background-color:#1D4033 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor