

Converting Colors

Hex(1D4D36)

Have a look what the booklet for
Hex(1D4D36) contains.

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Color

Hex(1D4D36)

Conversions

Conversions Part 1

Format	Color
Hex	1D4D36
RGB	29, 77, 54
RGB Percent	11%, 30%, 21%
CMY	0.8863, 0.6980, 0.7882
CMYK	0.62, 0.00, 0.30, 0.70
HSL	151°, 45%, 21%
HSV	151°, 62%, 30%
XYZ	3.8264, 5.8353, 4.4147
YIQ	60.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

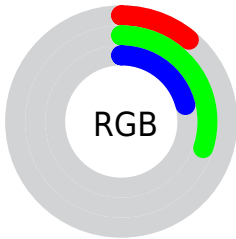
Format	Color
RYB	29, 61, 77
Decimal	1920310
CIELab	28.99, -22.57, 8.87
CIElCh	29, 24.250, 158.555
Yxy	5.8353, 0.2718, 0.4145
Android (android.graphics.Color)	4280110390 (0xFF1D4D36)
YUV	60.0260, -2.9708, -27.2098
Hunter-Lab	24.1564, -13.9989, 6.0740

Details

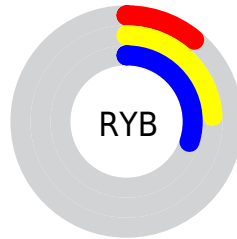
The Hex color **1D4D36** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D1D34**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4E7E65**, and **00210A** is the 20% darker color. If you saturate the color by 10%, you get **154D32**, and if you desaturate by 10%, it is **254D3A**.

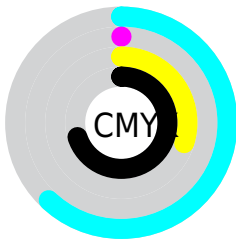
Distribution



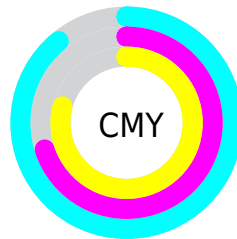
- Red (11%)
- Green (30%)
- Blue (21%)



- Red (11%)
- Yellow (24%)
- Blue (30%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (70%)



- Cyan (89%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4D36 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 1D4D36 by changing the saturation by 10% instead.

 1D4D36

 1D4D36

FFFFFF

 023621

 4E7E65

 00210A

 67997E

 000000

 81B398

 9CCFB2

 B7EBCE

 D3FFEA

 EFFFFFF

 1D4D36

 1D4D36

■ 154D32

■ 254D3A

■ 0E4D2F

■ 2C4D3D

■ 064D2B

■ 344D41

■ 004D28

■ 3C4D45

■ 444D48

■ 4B4D4C

■ 534D50

■ 5B4D54

■ 624D57

Harmonies

Analogous

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



364A26



1D4D36



004E49

Triad

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



1D4D36



304469



66382E

Complementary

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



1D4D36



4D1D34

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.



683540



1D4D36



4D3D62

Square

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



1D4D36



004A67



603752



5B3F21

Rectangle

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



1D4D36



004E56



603752



673733

Sweetspot

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



1D4D36



51635A



344D1D



27332D



B3B3B3



333333

Same Dimension

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



1D4D36



196340



1D4C4D



222624



006635



00E678

Inverse Universe

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



4D1D34



63193D



4D1E1D



262224



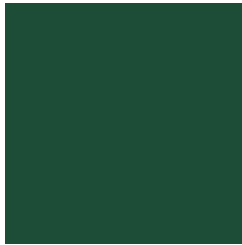
660031



E6006E

Previews

White Background



This preview shows how the Hex color 1D4D36 looks on a white background.

Color Contrast Check

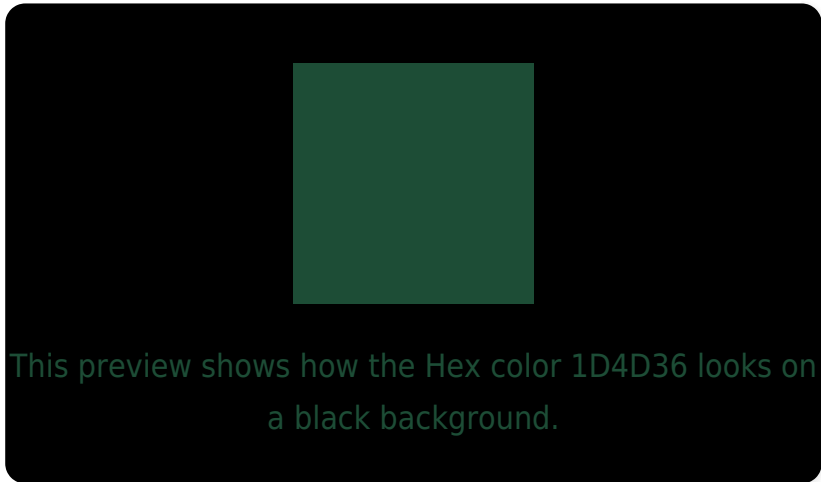
Large Text (above 18pt) WCAG AA ✓ Pass

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

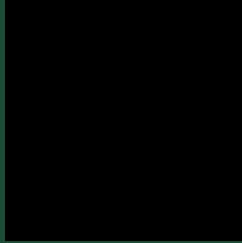
Any Text WCAG AA × Fail

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 1D4D36 Background



This preview shows how black text looks on a background with the Hex color 1D4D36.



This preview shows how white text looks on a background with the Hex color 1D4D36.

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](#).

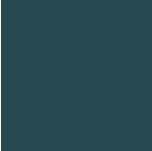
Dichromacy



Original Color
1D4D36

Protanopia
494432

Deuteranopia
4F4239



Tritanopia
264A50

Trichromacy



Original Color
1D4D36

Protanomaly
394733

Deuteranomaly
3D4638

Tritanomaly
234B47

Monochromacy



Original Color
1D4D36

Achromatopsia
3C3C3C

Achromatomaly
31423A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4D36 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 #1D4D36 looks like.

```
.text, #text, p{  
    color:#1D4D36  
}
```

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 #1D4D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4D36
}
```

Border

The CSS property to change the border of an element to Hex 1D4D36 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".

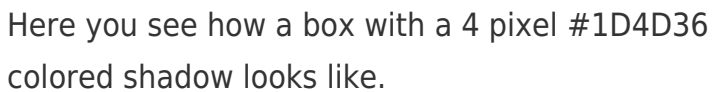
```
.border, #border, table{ border:4px solid
#1D4D36 }
```

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

```
.border{ border-color:#1D4D36 }
```

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

Here you see how a box with a 4 pixel #1D4D36 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4D36; -webkit-box-shadow:4px 4px  
4px 4px #1D4D36; box-shadow:4px 4px 4px  
4px #1D4D36 }
```

Background

The CSS property to change the background color of an element to Hex 1D4D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4D36 }
```

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

```
.background{ background-color:#1D4D36 }
```

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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