

Converting Colors

Hex(1D4D40)

Have a look what the booklet for
Hex(1D4D40) contains.

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Color

Hex(1D4D40)

Conversions

Conversions Part 1

Format	Color
Hex	1D4D40
RGB	29, 77, 64
RGB Percent	11%, 30%, 25%
CMY	0.8863, 0.6980, 0.7490
CMYK	0.62, 0.00, 0.17, 0.70
HSL	164°, 45%, 21%
HSV	164°, 62%, 30%
XYZ	4.0860, 5.9391, 5.7815
YIQ	61.1660, -24.4350, -14.2190

Conversions

Conversions Part 2

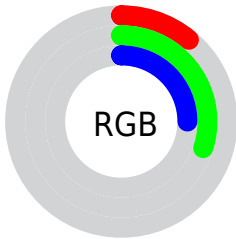
Format	Color
RYB	29, 57, 77
Decimal	1920320
CIELab	29.26, -19.92, 2.86
CIElCh	29, 20.128, 171.833
Yxy	5.9391, 0.2585, 0.3757
Android (android.graphics.Color)	4280110400 (0xFF1D4D40)
YUV	61.1660, 1.3972, -28.2096
Hunter-Lab	24.3703, -12.7204, 2.9936

Details

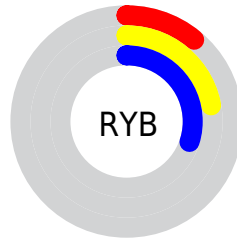
The Hex color **1D4D40** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D1D2A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4E7E70**, and **002116** is the 20% darker color. If you saturate the color by 10%, you get **154D3E**, and if you desaturate by 10%, it is **254D42**.

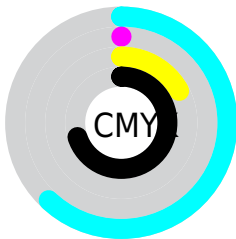
Distribution



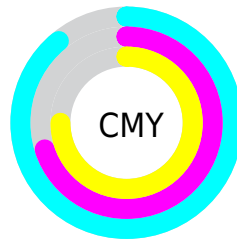
- Red (11%)
- Green (30%)
- Blue (25%)



- Red (11%)
- Yellow (22%)
- Blue (30%)



- Cyan (62%)
- Magenta (0%)
- Yellow (17%)
- Black (70%)



- Cyan (89%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4D40 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 1D4D40 by changing the saturation by 10% instead.

 1D4D40

 1D4D40

FFFFFF

 01362A

 4E7E70

 002116

 679889

 000000

 81B3A3

 9CCFBE

 B7EBDA

 D3FFF7

 F0FFFF

 1D4D40

 1D4D40

■ 154D3E

■ 254D42

■ 0E4D3C

■ 2C4D44

■ 064D3A

■ 344D46

■ 004D38

■ 3C4D48

■ 444D4A

■ 4B4D4D

■ 534D4F

■ 5B4D51

■ 624D53

Harmonies

Analogous

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



324B31



1D4D40



054D50

Triad

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



1D4D40



414262



5E3D2D

Complementary

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



1D4D40



4D1D2A

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.



63393A



1D4D40



543D58

Square

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



1D4D40



274864



60394A



534326

Rectangle

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



1D4D40



024C59



60394A



613C31

Sweetspot

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



1D4D40



51635E



2B4D1D



273330



B3B3B3



333333

Same Dimension

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



1D4D40



19634F



1D434D



222625



00664A



00E6A7

Inverse Universe

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



4D1D2A



63192D



4D271D



262223



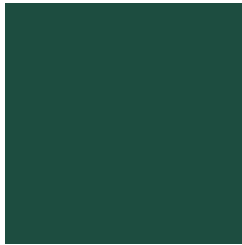
66001C



E6003E

Previews

White Background



This preview shows how the Hex color 1D4D40 looks on a white background.

Color Contrast Check

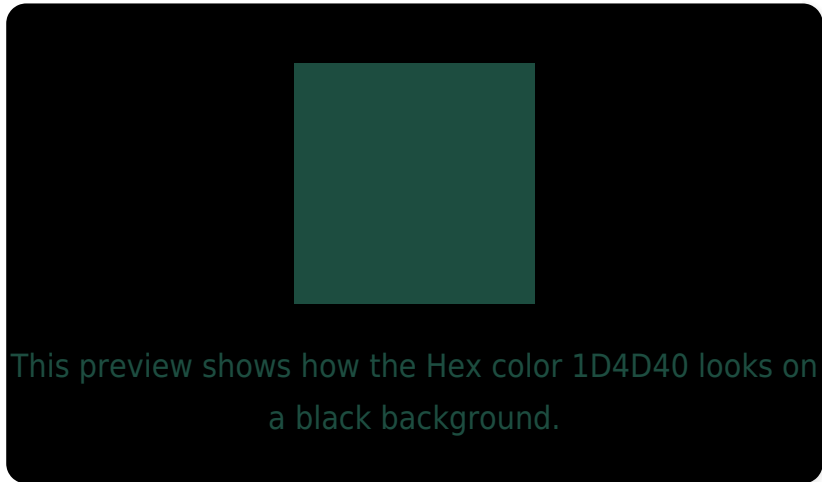
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D4D40 Background



This preview shows how black text looks on a background with the Hex color 1D4D40.



This preview shows how white text looks on a background with the Hex color 1D4D40.

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
1D4D40

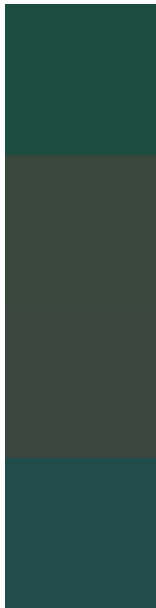
Protanopia
48453C

Deuteranopia
4C4242



Tritanopia
234B51

Trichromacy



Original Color
1D4D40

Protanomaly
38483D

Deuteranomaly
3B4641

Tritanomaly
214C4B

Monochromacy



Original Color
1D4D40

Achromatopsia
3D3D3D

Achromatomaly
31433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4D40 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 #1D4D40 looks like.

```
.text, #text, p{  
    color:#1D4D40  
}
```

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 #1D4D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4D40
}
```

Border

The CSS property to change the border of an element to Hex 1D4D40 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
#1D4D40 }
```

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

```
.border{ border-color:#1D4D40 }
```

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

Here you see how a box with a 4 pixel #1D4D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4D40; -webkit-box-shadow:4px 4px  
4px 4px #1D4D40; box-shadow:4px 4px 4px  
4px #1D4D40 }
```

Background

The CSS property to change the background color of an element to Hex 1D4D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4D40 }
```

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

```
.background{ background-color:#1D4D40 }
```

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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