

Converting Colors

Hex(1D4D31)

Have a look what the booklet for
Hex(1D4D31) contains.

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Color

Hex(1D4D31)

Conversions

Conversions Part 1

Format	Color
Hex	1D4D31
RGB	29, 77, 49
RGB Percent	11%, 30%, 19%
CMY	0.8863, 0.6980, 0.8078
CMYK	0.62, 0.00, 0.36, 0.70
HSL	145°, 45%, 21%
HSV	145°, 62%, 30%
XYZ	3.7149, 5.7907, 3.8277
YIQ	59.4560, -19.6200, -18.8840

Conversions

Conversions Part 2

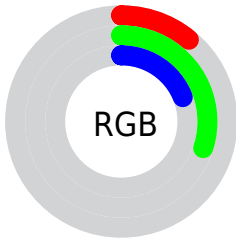
Format	Color
RYB	29, 63, 77
Decimal	1920305
CIELab	28.88, -23.76, 11.86
CIELCh	29, 26.552, 153.472
Yxy	5.7907, 0.2786, 0.4343
Android (android.graphics.Color)	4280110385 (0xFF1D4D31)
YUV	59.4560, -5.1548, -26.7099
Hunter-Lab	24.0639, -14.5553, 7.4140

Details

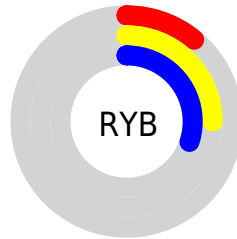
The Hex color **1D4D31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D1D39**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4E7E5F**, and **002102** is the 20% darker color. If you saturate the color by 10%, you get **154D2D**, and if you desaturate by 10%, it is **254D35**.

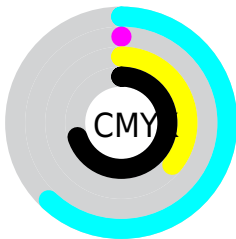
Distribution



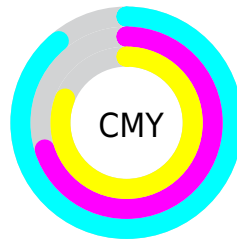
- Red (11%)
- Green (30%)
- Blue (19%)



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



- Cyan (62%)
- Magenta (0%)
- Yellow (36%)
- Black (70%)



- Cyan (89%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4D31 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 1D4D31 by changing the saturation by 10% instead.

■ 1D4D31

■ 1D4D31

FFFFFF

■ 02361C

■ 4E7E5F

■ 002102

■ 679978

■ 000000

■ 81B492

■ 9CCFAC

■ B7EBC8

■ D3FFE4

■ EFFFFFF

■ 1D4D31

■ 1D4D31

■ 154D2D

■ 254D35

■ 0E4D28

■ 2C4D3A

■ 064D24

■ 344D3E

■ 004D20

■ 3C4D43

■ 444D47

■ 4B4D4C

■ 534D50

■ 5B4D55

■ 624D59

Harmonies

Analogous

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



394921



1D4D31



004E46

Triad

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



1D4D31



24456D



69352F

Complementary

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



1D4D31



4D1D39

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.



6A3342



1D4D31



493E66

Square

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



1D4D31



004B68



5F3657



5F3C1F

Rectangle

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



1D4D31



004E54



5F3657



6A3435

Sweetspot

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



1D4D31



516358



394D1D



27332C



B3B3B3



333333

Same Dimension

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



1D4D31



196338



1D4D49



222624



00662B



00E660

Inverse Universe

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



4D1D39



631944



4D1D21



262225



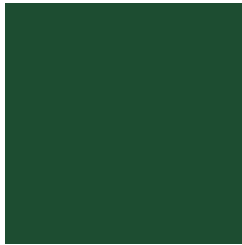
66003B



E60086

Previews

White Background



This preview shows how the Hex color 1D4D31 looks on a white background.

Color Contrast Check

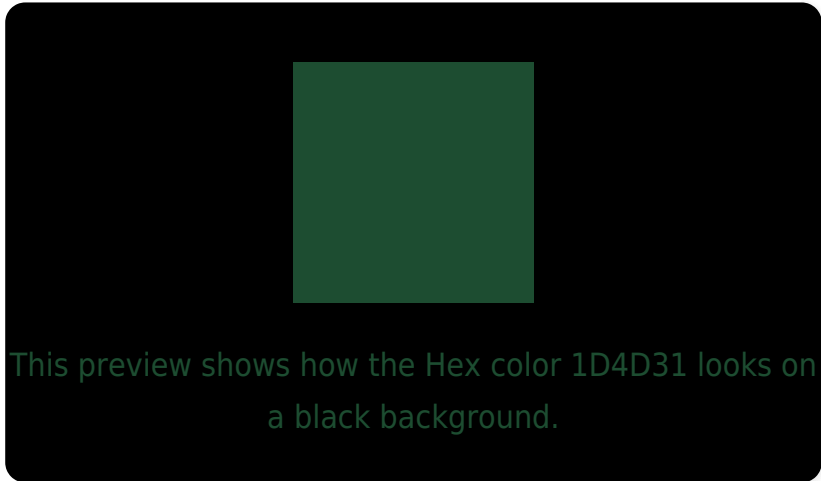
Large Text (above 18pt) WCAG AA ✓ Pass

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

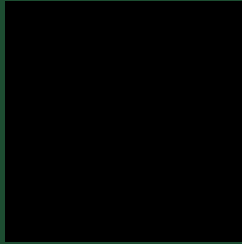
Any Text WCAG AA × Fail

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 1D4D31 Background



This preview shows how black text looks on a background with the Hex color 1D4D31.



This preview shows how white text looks on a background with the Hex color 1D4D31.

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](#).

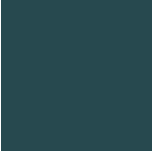
Dichromacy



Original Color
1D4D31

Protanopia
4A442D

Deuteranopia
504134



Tritanopia
27494F

Trichromacy



Original Color
1D4D31

Protanomaly
3A472E

Deuteranomaly
3D4533

Tritanomaly
234A44

Monochromacy



Original Color
1D4D31

Achromatopsia
3B3B3B

Achromatomaly
304237

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4D31 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 #1D4D31 looks like.

```
.text, #text, p{  
    color:#1D4D31  
}
```

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 #1D4D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4D31
}
```

Border

The CSS property to change the border of an element to Hex 1D4D31 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
#1D4D31 }
```

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

```
.border{ border-color:#1D4D31 }
```

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

Here you see how a box with a 4 pixel #1D4D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4D31; -webkit-box-shadow:4px 4px  
4px 4px #1D4D31; box-shadow:4px 4px 4px  
4px #1D4D31 }
```

Background

The CSS property to change the background color of an element to Hex 1D4D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4D31 }
```

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

```
.background{ background-color:#1D4D31 }
```

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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