

# Converting Colors

Hex(1D4F43)

Have a look what the booklet for  
Hex(1D4F43) contains.

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# Color

Hex(1D4F43)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D4F43
RGB	29, 79, 67
RGB Percent	11%, 31%, 26%
CMY	0.8863, 0.6902, 0.7373
CMYK	0.63, 0.00, 0.15, 0.69
HSL	166°, 46%, 21%
HSV	166°, 63%, 31%
XYZ	4.3158, 6.2584, 6.2907
YIQ	62.6820, -25.9480, -14.3320

# Conversions

## Conversions Part 2

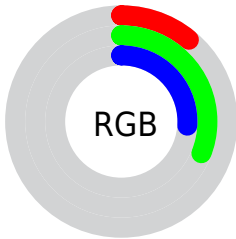
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 57, 79
Decimal	1920835
CIE <sub>Lab</sub>	30.06, -20.14, 2.09
CIE <sub>LCh</sub>	30, 20.243, 174.079
Yxy	6.2584, 0.2559, 0.3711
Android (android.graphics.Color)	4280110915 (0xFF1D4F43)
YUV	62.6820, 2.1288, -29.5391
Hunter-Lab	25.0168, -12.9854, 2.6028

# Details

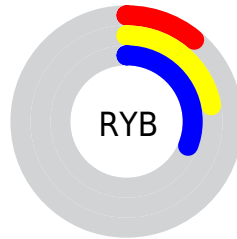
The Hex color **1D4F43** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F1D29**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4F8173**, and **002218** is the 20% darker color. If you saturate the color by 10%, you get **154F41**, and if you desaturate by 10%, it is **254F45**.

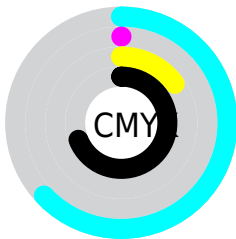
# Distribution



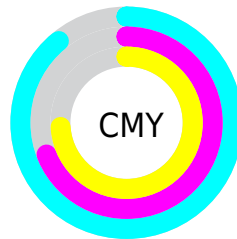
- Red (11%)
- Green (31%)
- Blue (26%)



- Red (11%)
- Yellow (22%)
- Blue (31%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (69%)



- Cyan (89%)
- Magenta (69%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D4F43 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 1D4F43 by changing the saturation by 10% instead.



■ 1D4F43

■ 1D4F43

FFFFFF

■ 00382D

■ 4F8173

■ 002218

■ 689B8C

■ 000000

■ 82B6A7

■ 9DD1C2

■ B8EEDE

■ D4FFFA

■ F1FFFF

■ 1D4F43

■ 1D4F43

■ 154F41

■ 254F45

■ 0D4F3F

■ 2D4F47

■ 054F3D

■ 354F49

■ 004F3C

■ 3D4F4B

■ 454F4C

■ 4C4F4E

■ 544F50

■ 5C4F52

■ 644F54

# Harmonies

## Analogous

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



324D34



1D4F43



064F53

# Triad

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



1D4F43



444463



603F2E

# Complementary

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



1D4F43



4F1D29

# 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.



653B3B



1D4F43



583E59

# Square

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



1D4F43



2A4966



633B4B



544527

# Rectangle

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



1D4F43



064E5C



633B4B



623E32



# Sweetspot

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



1D4F43



536661



294F1D



273330



B3B3B3



333333



# Same Dimension

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



1D4F43



186653



1D434F



222625



00664E



00E6AE



# Inverse Universe

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



4F1D29



66182B



4F291D



262223



660018

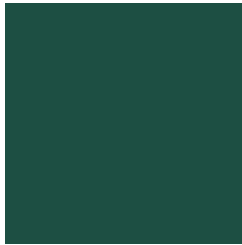


E60037



# Previews

## White Background



This preview shows how the Hex color 1D4F43 looks on a white background.

## Color Contrast Check

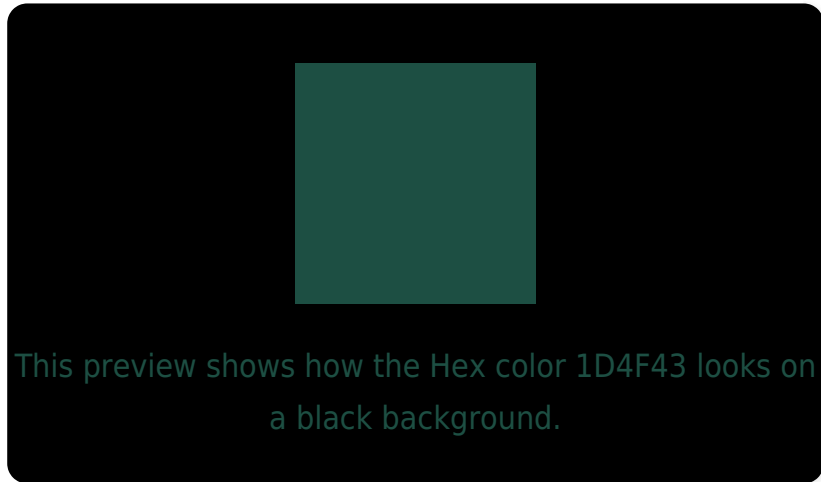
Large Text (above 18pt) WCAG AA ✓ Pass

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

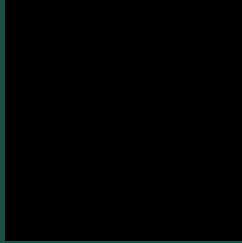
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D4F43 Background



This preview shows how black text looks on a background with the Hex color 1D4F43.



This preview shows how white text looks on a background with the Hex color 1D4F43.

# 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**  
1D4F43

**Protanopia**  
4A463E

**Deuteranopia**  
4E4445



**Tritanopia**  
234D53

# Trichromacy



**Original Color**  
1D4F43

**Protanomaly**  
3A4940

**Deuteranomaly**  
3C4844

**Tritanomaly**  
214E4D

# Monochromacy



**Original Color**  
1D4F43

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
334540

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D4F43 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 #1D4F43 looks like.

```
.text, #text, p{  
    color:#1D4F43  
}
```

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 #1D4F43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4F43
}
```

## Border

The CSS property to change the border of an element to Hex 1D4F43 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
#1D4F43 }
```

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

```
.border{ border-color:#1D4F43 }
```

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

Here you see how a box with a 4 pixel #1D4F43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4F43; -webkit-box-shadow:4px 4px  
4px 4px #1D4F43; box-shadow:4px 4px 4px  
4px #1D4F43 }
```

# Background

The CSS property to change the background color of an element to Hex 1D4F43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4F43 }
```

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

```
.background{ background-color:#1D4F43 }
```

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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