

Converting Colors

Hex(1D4B45)

Have a look what the booklet for
Hex(1D4B45) contains.

Hex(1D4B45)	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(1D4B45)

Conversions

Conversions Part 1

Format	Color
Hex	1D4B45
RGB	29, 75, 69
RGB Percent	11%, 29%, 27%
CMY	0.8863, 0.7059, 0.7294
CMYK	0.61, 0.00, 0.08, 0.71
HSL	172°, 44%, 20%
HSV	172°, 61%, 29%
XYZ	4.0969, 5.7230, 6.5189
YIQ	60.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

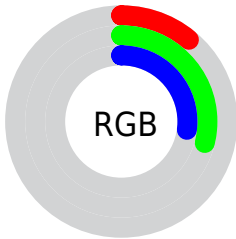
Format	Color
RYB	29, 54, 75
Decimal	1919813
CIELab	28.70, -17.37, -1.17
CIELCh	29, 17.411, 183.845
Yxy	5.7230, 0.2507, 0.3503
Android (android.graphics.Color)	4280109893 (0xFF1D4B45)
YUV	60.5620, 4.1599, -27.6799
Hunter-Lab	23.9229, -11.2957, 0.5896

Details

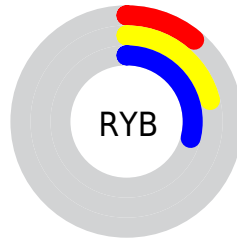
The Hex color **1D4B45** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B1D23**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4E7C75**, and **001F1A** is the 20% darker color. If you saturate the color by 10%, you get **154B44**, and if you desaturate by 10%, it is **254B46**.

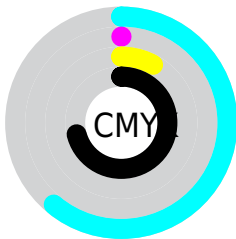
Distribution



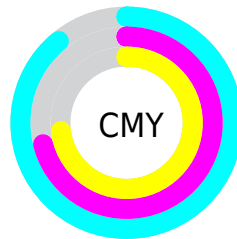
- Red (11%)
- Green (29%)
- Blue (27%)



- Red (11%)
- Yellow (21%)
- Blue (29%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4B45 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 1D4B45 by changing the saturation by 10% instead.

■ 1D4B45

■ 1D4B45

FFFFFF

■ 01342F

■ 4E7C75

■ 001F1A

■ 67968F

■ 000000

■ 81B1A9

■ 9CCCC4

■ B7E9E0

■ D3FFFD

■ F0FFFF

■ 1D4B45

■ 1D4B45

■ 154B44

■ 254B46

■ 0E4B43

■ 2C4B47

■ 064B42

■ 334B48

■ 004B41

■ 3B4B49

■ 434B4A

■ 4A4B4B

■ 524B4C

■ 594B4D

■ 614B4E

Harmonies

Analogous

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



2D4A37



1D4B45



144A52

Triad

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



1D4B45



48405A



573F2C

Complementary

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



1D4B45



4B1D23

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.



5D3B35



1D4B45



563B50

Square

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



1D4B45



34445E



5E3942



4B4329

Rectangle

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



1D4B45



1A4959



5E3942



593D2E

Sweetspot

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



1D4B45



4F615F



234B1D



26302F



B0B0B0



303030

Same Dimension

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



1D4B45



196158



1D3A4B



222626



006659



00E6C8

Inverse Universe

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



4B1D23



611923



4B2E1D



262223



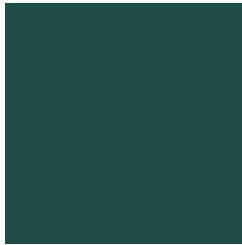
66000D



E6001E

Previews

White Background



This preview shows how the Hex color 1D4B45 looks on a white background.

Color Contrast Check

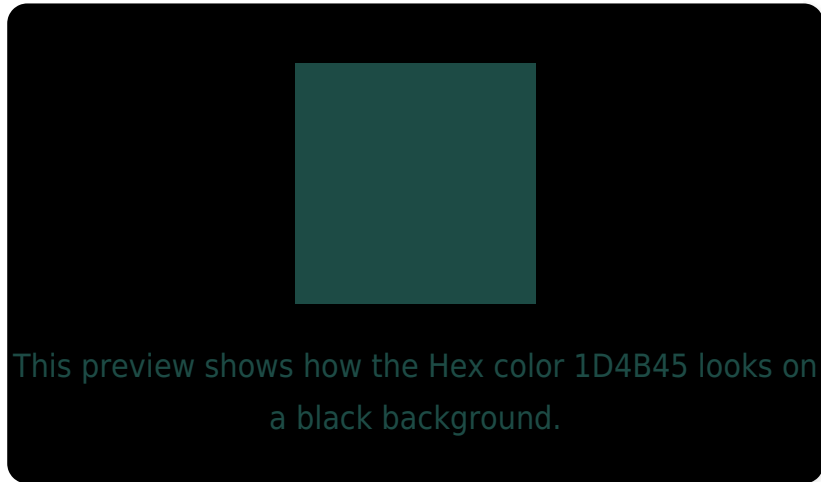
Large Text (above 18pt) WCAG AA ✓ Pass

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

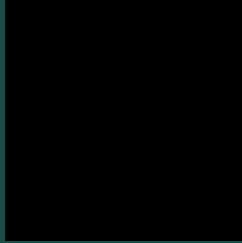
Any Text WCAG AA × Fail

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 1D4B45 Background



This preview shows how black text looks on a background with the Hex color 1D4B45.



This preview shows how white text looks on a background with the Hex color 1D4B45.

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](#).

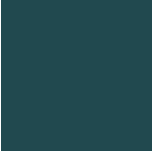
Dichromacy



Original Color
1D4B45

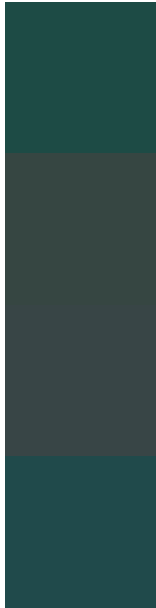
Protanopia
454341

Deuteranopia
484247



Tritanopia
21494F

Trichromacy



Original Color
1D4B45

Protanomaly
364642

Deuteranomaly
384546

Tritanomaly
204A4B

Monochromacy



Original Color
1D4B45

Achromatopsia
3D3D3D

Achromatomaly
314240

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4B45 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 #1D4B45 looks like.

```
.text, #text, p{  
    color:#1D4B45  
}
```

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 #1D4B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4B45
}
```

Border

The CSS property to change the border of an element to Hex 1D4B45 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
#1D4B45 }
```

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

```
.border{ border-color:#1D4B45 }
```

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

Here you see how a box with a 4 pixel #1D4B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4B45; -webkit-box-shadow:4px 4px  
4px 4px #1D4B45; box-shadow:4px 4px 4px  
4px #1D4B45 }
```

Background

The CSS property to change the background color of an element to Hex 1D4B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4B45 }
```

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

```
.background{ background-color:#1D4B45 }
```

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