

# Converting Colors

Hex(1D5B43)

Have a look what the booklet for  
Hex(1D5B43) contains.

<b>Hex(1D5B43)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(1D5B43)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D5B43
RGB	29, 91, 67
RGB Percent	11%, 36%, 26%
CMY	0.8863, 0.6431, 0.7373
CMYK	0.68, 0.00, 0.26, 0.64
HSL	157°, 52%, 24%
HSV	157°, 68%, 36%
XYZ	5.2609, 8.1486, 6.6058
YIQ	69.7260, -29.2480, -20.6080

# Conversions

## Conversions Part 2

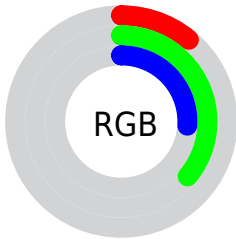
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 67, 91
Decimal	1923907
CIE <sub>Lab</sub>	34.29, -26.22, 8.12
CIE <sub>LCh</sub>	34, 27.448, 162.791
Yxy	8.1486, 0.2628, 0.4071
Android (android.graphics.Color)	4280113987 (0xFF1D5B43)
YUV	69.7260, -1.3439, -35.7167
Hunter-Lab	28.5458, -17.0582, 6.2618

# Details

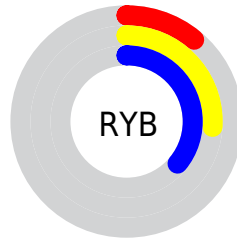
The Hex color **1D5B43** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B1D35**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **518E73**, and **002C18** is the 20% darker color. If you saturate the color by 10%, you get **145B3F**, and if you desaturate by 10%, it is **265B47**.

# Distribution



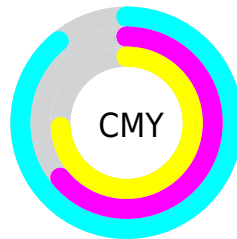
- Red (11%)
- Green (36%)
- Blue (26%)



- Red (11%)
- Yellow (26%)
- Blue (36%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (64%)



- Cyan (89%)
- Magenta (64%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D5B43 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 1D5B43 by changing the saturation by 10% instead.




 1D5B43

 1D5B43

FFFFFF

 00432D

 518E73

 002C18

 6BA88D

 001800

 85C4A7

 000000

 A0E0C2

 BCFDDE

 D8FFFB

 F5FFFF

 1D5B43

 1D5B43

■ 145B3F

■ 265B47

■ 0B5B3C

■ 2F5B4A

■ 025B38

■ 385B4E

■ 005B38

■ 415B51

■ 4B5B55

■ 545B58

■ 5D5B5C

■ 665B5F

■ 6F5B63

# Harmonies

## Analogous

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



3D5830



1D5B43



005C5A

# Triad

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



1D5B43



3E507B



764334

# Complementary

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



1D5B43



5B1D35

# 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.



7A3F48



1D5B43



5F4771

# Square

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



1D5B43



03567A



73405E



694B27

# Rectangle

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



1D5B43



005B68



73405E



79413A



# Sweetspot

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



1D5B43



5E756C



365B1D



2D3B35



BABABA



3B3B3B



# Same Dimension

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



1D5B43



157550



1D555B



292E2C



006E43



00ED91



# Inverse Universe

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



5B1D35



75153A



5B231D



2E292B



6E002A

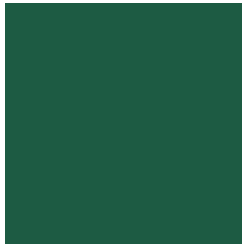


ED005C



# Previews

## White Background



This preview shows how the Hex color 1D5B43 looks on a white background.

## Color Contrast Check

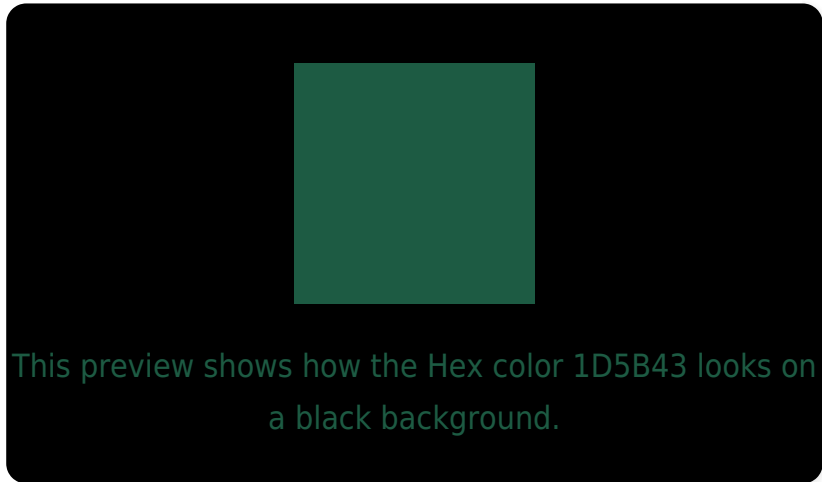
Large Text (above 18pt) WCAG AA ✓ Pass

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

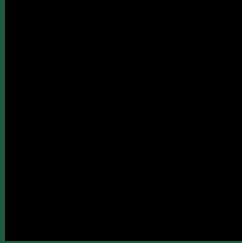
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D5B43 Background



This preview shows how black text looks on a background with the Hex color 1D5B43.



This preview shows how white text looks on a background with the Hex color 1D5B43.

# 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**  
1D5B43

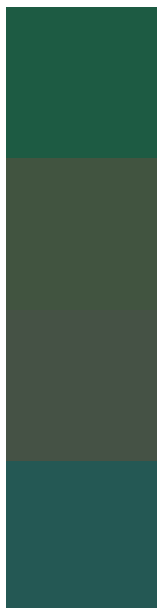
**Protanopia**  
56503E

**Deuteranopia**  
5C4D46



**Tritanopia**  
28575E

# Trichromacy



**Original Color**

1D5B43

**Protanomaly**

415440

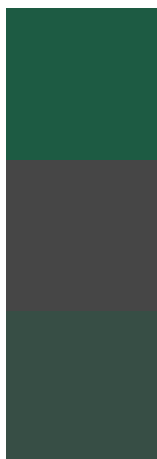
**Deuteranomaly**

455245

**Tritanomaly**

245854

# Monochromacy



**Original Color**

1D5B43

**Achromatopsia**

464646

**Achromatomaly**

374E45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D5B43 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 #1D5B43 looks like.

```
.text, #text, p{  
    color:#1D5B43  
}
```

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 #1D5B43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5B43
}
```

## Border

The CSS property to change the border of an element to Hex 1D5B43 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
#1D5B43 }
```

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

```
.border{ border-color:#1D5B43 }
```

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

Here you see how a box with a 4 pixel #1D5B43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5B43; -webkit-box-shadow:4px 4px  
4px 4px #1D5B43; box-shadow:4px 4px 4px  
4px #1D5B43 }
```

# Background

The CSS property to change the background color of an element to Hex 1D5B43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5B43 }
```

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

```
.background{ background-color:#1D5B43 }
```

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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