

Converting Colors

Hex(1D5B55)

Have a look what the booklet for
Hex(1D5B55) contains.

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Color

Hex(1D5B55)

Conversions

Conversions Part 1

Format	Color
Hex	1D5B55
RGB	29, 91, 85
RGB Percent	11%, 36%, 33%
CMY	0.8863, 0.6431, 0.6667
CMYK	0.68, 0.00, 0.07, 0.64
HSL	174°, 52%, 24%
HSV	174°, 68%, 36%
XYZ	5.8875, 8.3993, 9.9052
YIQ	71.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

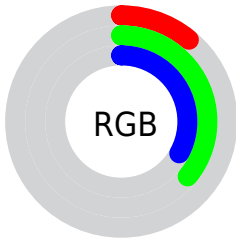
Format	Color
R_{YB}	29, 62, 91
Decimal	1923925
CIE _{Lab}	34.80, -21.14, -2.36
CIE _{LCh}	35, 21.267, 186.376
Yxy	8.3993, 0.2434, 0.3472
Android (android.graphics.Color)	4280114005 (0xFF1D5B55)
YUV	71.7780, 6.5184, -37.5163
Hunter-Lab	28.9815, -14.4560, 0.0230

Details

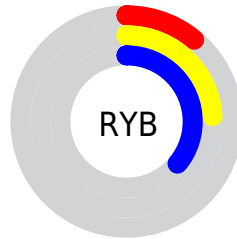
The Hex color **1D5B55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B1D23**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **528E87**, and **002D28** is the 20% darker color. If you saturate the color by 10%, you get **145B54**, and if you desaturate by 10%, it is **265B56**.

Distribution



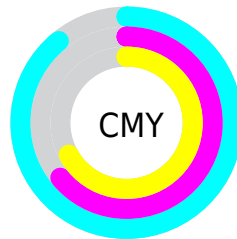
- Red (11%)
- Green (36%)
- Blue (33%)



- Red (11%)
- Yellow (24%)
- Blue (36%)



- Cyan (68%)
- Magenta (0%)
- Yellow (7%)
- Black (64%)



- Cyan (89%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5B55 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 1D5B55 by changing the saturation by 10% instead.

 1D5B55

 1D5B55

FFFFFF

 00433E

 528E87

 002D28

 6CA8A1

 001A14

 87C3BC

 000000

 A2DFD7

 BEFCF4

 DAFFFF

 F7FFFF

 1D5B55

 1D5B55

■ 145B54

■ 265B56

■ 0B5B53

■ 2F5B57

■ 025B52

■ 385B58

■ 005B52

■ 415B59

■ 4B5B59

■ 545B5A

■ 5D5B5B

■ 665B5C

■ 6F5B5D

Harmonies

Analogous

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



335A44



1D5B55



105A65

Triad

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



1D5B55



594C6D



684C33

Complementary

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



1D5B55



5B1D23

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.



71473F



1D5B55



6A4760

Square

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



1D5B55



405273



73454F



5A5230

Rectangle

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



1D5B55



1B586E



73454F



6C4A36

Sweetspot

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



1D5B55



5E7573



235B1D



2D3B39



BABABA



3B3B3B

Same Dimension

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



1D5B55



15756C



1D425B



292E2D



006E63



00EDD6

Inverse Universe

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



5B1D23



75151E



5B361D



2E292A



6E000B



ED0017

Previews

White Background



This preview shows how the Hex color 1D5B55 looks on a white background.

Color Contrast Check

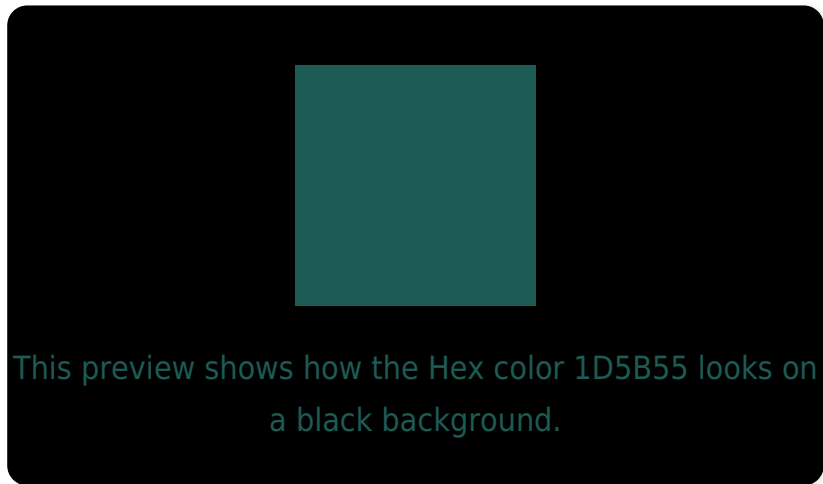
Large Text (above 18pt) WCAG AA ✓ Pass

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

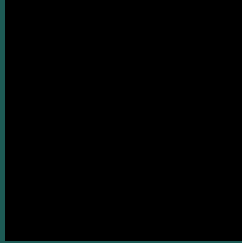
Any Text WCAG AA × Fail

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 1D5B55 Background



This preview shows how black text looks on a background with the Hex color 1D5B55.



This preview shows how white text looks on a background with the Hex color 1D5B55.

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
1D5B55

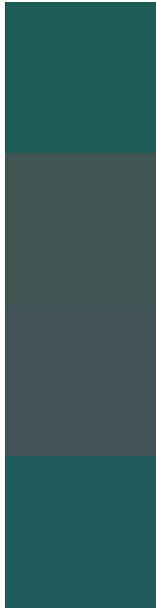
Protanopia
53514F

Deuteranopia
574F58



Tritanopia
235961

Trichromacy



Original Color
1D5B55

Protanomaly
3F5551

Deuteranomaly
425357

Tritanomaly
215A5D

Monochromacy



Original Color
1D5B55

Achromatopsia
484848

Achromatomaly
384F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5B55 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 #1D5B55 looks like.

```
.text, #text, p{  
    color:#1D5B55  
}
```

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 #1D5B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5B55
}
```

Border

The CSS property to change the border of an element to Hex 1D5B55 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
#1D5B55 }
```

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

```
.border{ border-color:#1D5B55 }
```

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

Here you see how a box with a 4 pixel #1D5B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5B55; -webkit-box-shadow:4px 4px  
4px 4px #1D5B55; box-shadow:4px 4px 4px  
4px #1D5B55 }
```

Background

The CSS property to change the background color of an element to Hex 1D5B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5B55 }
```

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

```
.background{ background-color:#1D5B55 }
```

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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