

Converting Colors

Hex(1A5D33)

Have a look what the booklet for
Hex(1A5D33) contains.

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Color

Hex(1A5D33)

Conversions

Conversions Part 1

Format	Color
Hex	1A5D33
RGB	26, 93, 51
RGB Percent	10%, 36%, 20%
CMY	0.8980, 0.6353, 0.8000
CMYK	0.72, 0.00, 0.45, 0.64
HSL	142°, 56%, 23%
HSV	142°, 72%, 36%
XYZ	4.9379, 8.2873, 4.4713
YIQ	68.1790, -26.4500, -27.2660

Conversions

Conversions Part 2

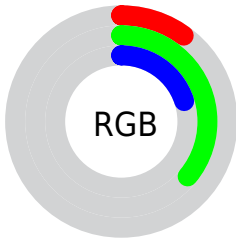
Format	Color
R_{YB}	26, 75, 93
Decimal	1727795
CIE Lab	34.57, -31.42, 18.20
CIE LCh	35, 36.312, 149.927
Yxy	8.2873, 0.2790, 0.4683
Android (android.graphics.Color)	4279917875 (0xFF1A5D33)
YUV	68.1790, -8.4692, -36.9910
Hunter-Lab	28.7877, -19.7608, 10.9424

Details

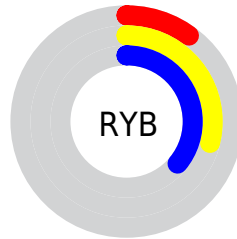
The Hex color **1A5D33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D1A44**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4F9062**, and **002E06** is the 20% darker color. If you saturate the color by 10%, you get **115D2D**, and if you desaturate by 10%, it is **235D39**.

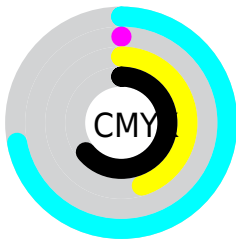
Distribution



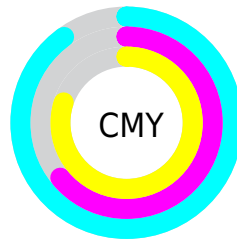
- Red (10%)
- Green (36%)
- Blue (20%)



- Red (10%)
- Yellow (29%)
- Blue (36%)



- Cyan (72%)
- Magenta (0%)
- Yellow (45%)
- Black (64%)



- Cyan (90%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A5D33 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 1A5D33 by changing the saturation by 10% instead.

 1A5D33

 1A5D33

FFFFFF

 00451D

 4F9062

 002E06

 69AB7B

 001900

 84C695

 000000

 9FE3B0

 BBFFCB

 D7FFE7

 F4FFFF

 1A5D33

 1A5D33

■ 115D2D

■ 235D39

■ 075D27

■ 2D5D3F

■ 005D23

■ 365D44

■ 3F5D4A

■ 495D50

■ 525D56

■ 5B5D5C

■ 645D62

■ 6E5D67

Harmonies

Analogous

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



44581C



1A5D33



005F50

Triad

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



1A5D33



00558B



853A36

Complementary

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



1A5D33



5D1A44

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.



853753



1A5D33



524A84

Square

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



1A5D33



005C83



743E6F



77451F

Rectangle

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



1A5D33



005F64



743E6F



86383F

Sweetspot

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



1A5D33



5D7867



445D1A



2D3D33



BDBDBD



3D3D3D

Same Dimension

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



1A5D33



117837



1A5D54



292E2B



006E29



00ED58

Inverse Universe

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



5D1A44



781151



5D1A23



2E292C



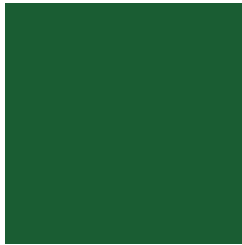
6E0045



ED0095

Previews

White Background



This preview shows how the Hex color 1A5D33 looks on a white background.

Color Contrast Check

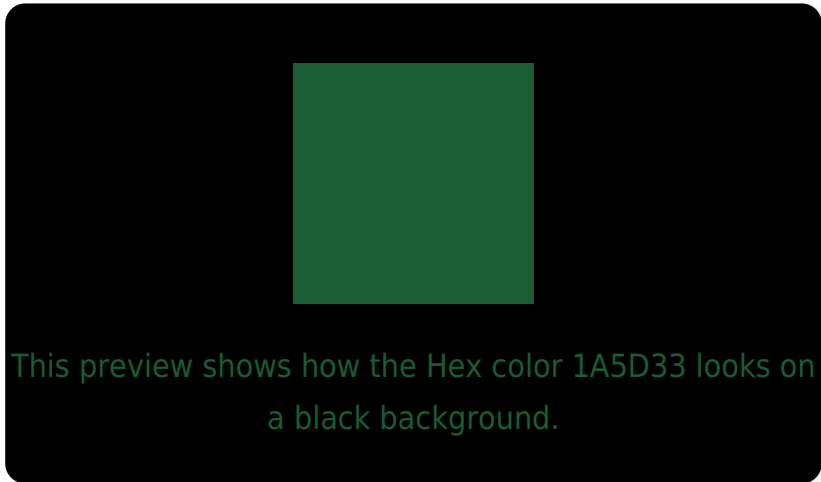
Large Text (above 18pt) WCAG AA ✓ Pass

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

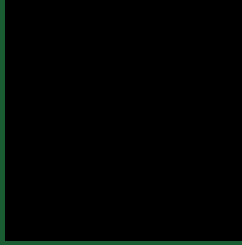
Any Text WCAG AA × Fail

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 1A5D33 Background



This preview shows how black text looks on a background with the Hex color 1A5D33.



This preview shows how white text looks on a background with the Hex color 1A5D33.

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](#).

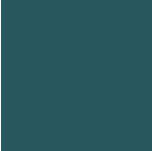
Dichromacy



Original Color
1A5D33

Protanopia
59512F

Deuteranopia
614E37



Tritanopia
2A585F

Trichromacy



Original Color
1A5D33

Protanomaly
425530

Deuteranomaly
475336

Tritanomaly
245A4F

Monochromacy



Original Color
1A5D33

Achromatopsia
444444

Achromatomaly
354D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A5D33 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 #1A5D33 looks like.

```
.text, #text, p{  
    color:#1A5D33  
}
```

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 #1A5D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A5D33  
}
```

Border

The CSS property to change the border of an element to Hex 1A5D33 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".

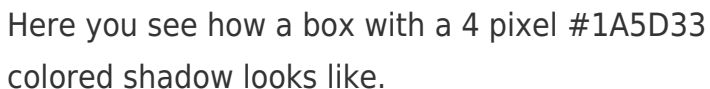
```
.border, #border, table{ border:4px solid  
#1A5D33 }
```

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

```
.border{ border-color:#1A5D33 }
```

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

Here you see how a box with a 4 pixel #1A5D33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A5D33; -webkit-box-shadow:4px 4px  
4px 4px #1A5D33; box-shadow:4px 4px 4px  
4px #1A5D33 }
```

Background

The CSS property to change the background color of an element to Hex 1A5D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A5D33 }
```

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

```
.background{ background-color:#1A5D33 }
```

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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