

Converting Colors

Hex(1D6A45)

Have a look what the booklet for
Hex(1D6A45) contains.

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Color

Hex(1D6A45)

Conversions

Conversions Part 1

Format	Color
Hex	1D6A45
RGB	29, 106, 69
RGB Percent	11%, 42%, 27%
CMY	0.8863, 0.5843, 0.7294
CMYK	0.73, 0.00, 0.35, 0.58
HSL	151°, 57%, 26%
HSV	151°, 73%, 42%
XYZ	6.7349, 10.9990, 7.3983
YIQ	78.7590, -34.0150, -27.8310

Conversions

Conversions Part 2

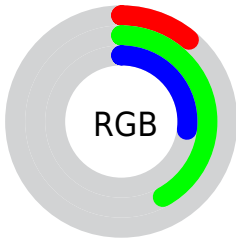
Format	Color
R_{YB}	29, 80, 106
Decimal	1927749
CIE Lab	39.58, -32.66, 14.21
CIE LCh	40, 35.619, 156.481
Yxy	10.9990, 0.2680, 0.4376
Android (android.graphics.Color)	4280117829 (0xFF1D6A45)
YUV	78.7590, -4.8112, -43.6386
Hunter-Lab	33.1647, -21.7893, 9.9890

Details

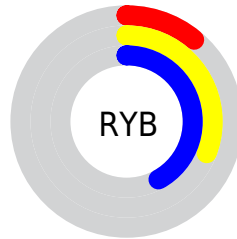
The Hex color **1D6A45** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A1D42**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **549E75**, and **003A19** is the 20% darker color. If you saturate the color by 10%, you get **126A40**, and if you desaturate by 10%, it is **286A4A**.

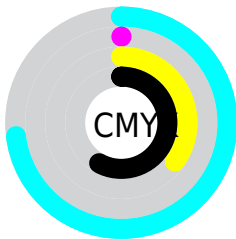
Distribution



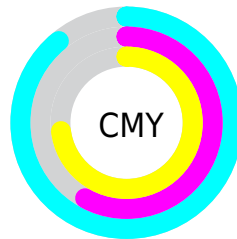
- Red (11%)
- Green (42%)
- Blue (27%)



- Red (11%)
- Yellow (31%)
- Blue (42%)



- Cyan (73%)
- Magenta (0%)
- Yellow (35%)
- Black (58%)



- Cyan (89%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D6A45 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 1D6A45 by changing the saturation by 10% instead.

 1D6A45

 1D6A45

FFFFFF

 00512E

 549E75

 003A19

 6FB98F

 002500

 8AD5AA

 000000

 A5F2C5

 C1FFE1

 DEFFFE

 FBFFFF

 1D6A45

 1D6A45

■ 126A40

■ 286A4A

■ 086A3B

■ 326A4F

■ 006A37

■ 3D6A54

■ 476A59

■ 526A5E

■ 5D6A64

■ 676A69

■ 726A6E

■ 7C6A73

Harmonies

Analogous

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



49652C



1D6A45



006C63

Triad

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



1D6A45



345E97



90493C

Complementary

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



1D6A45



6A1D42

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.



934458



1D6A45



67538C

Square

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



1D6A45



006692



864875



805327

Rectangle

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



1D6A45



006B76



864875



924645

Sweetspot

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



1D6A45



6B8A7B



426A1D



33453C



C4C4C4



454545

Same Dimension

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



1D6A45



128A50



1D696A



303633



00753D



00F57F

Inverse Universe

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



6A1D42



8A124B



6A1E1D



363033



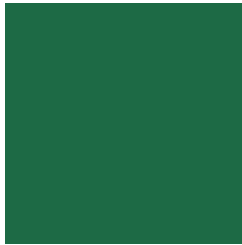
750038



F50076

Previews

White Background



This preview shows how the Hex color 1D6A45 looks on a white background.

Color Contrast Check

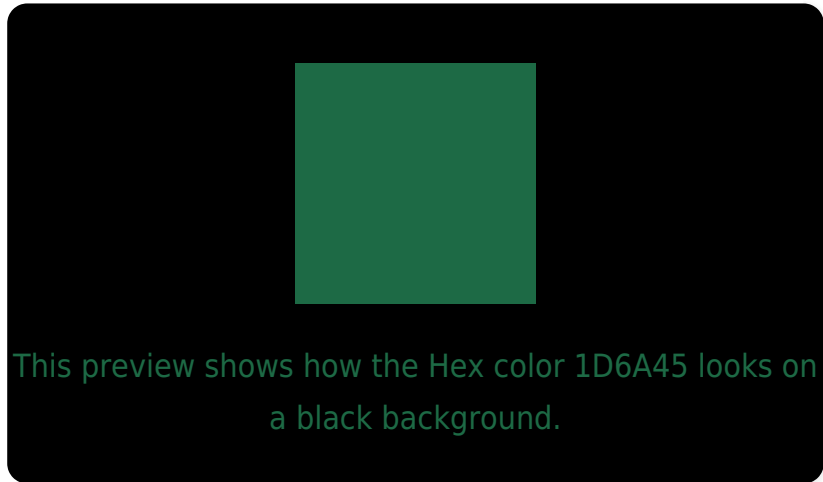
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

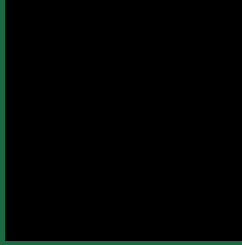
Any Text WCAG AA × Fail

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 1D6A45 Background



This preview shows how black text looks on a background with the Hex color 1D6A45.



This preview shows how white text looks on a background with the Hex color 1D6A45.

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
1D6A45

Protanopia
645D3F

Deuteranopia
6D5949



Tritanopia
2E656D

Trichromacy



Original Color
1D6A45

Protanomaly
4A6241

Deuteranomaly
505F48

Tritanomaly
28675E

Monochromacy



Original Color
1D6A45

Achromatopsia
4F4F4F

Achromatomaly
3D594B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D6A45 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 #1D6A45 looks like.

```
.text, #text, p{  
    color:#1D6A45  
}
```

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 #1D6A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6A45
}
```

Border

The CSS property to change the border of an element to Hex 1D6A45 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
#1D6A45 }
```

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

```
.border{ border-color:#1D6A45 }
```

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

Here you see how a box with a 4 pixel #1D6A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6A45; -webkit-box-shadow:4px 4px  
4px 4px #1D6A45; box-shadow:4px 4px 4px  
4px #1D6A45 }
```

Background

The CSS property to change the background color of an element to Hex 1D6A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6A45 }
```

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

```
.background{ background-color:#1D6A45 }
```

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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