

# Converting Colors

Hex(1D6045)

Have a look what the booklet for  
Hex(1D6045) contains.

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# Color

**Hex(1D6045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D6045
RGB	29, 96, 69
RGB Percent	11%, 38%, 27%
CMY	0.8863, 0.6235, 0.7294
CMYK	0.70, 0.00, 0.28, 0.62
HSL	156°, 54%, 25%
HSV	156°, 70%, 38%
XYZ	5.7637, 9.0566, 7.0745
YIQ	72.8890, -31.2650, -22.6010

# Conversions

## Conversions Part 2

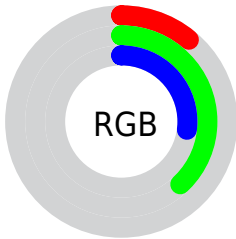
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 71, 96
Decimal	1925189
CIE <sub>Lab</sub>	36.09, -28.10, 9.41
CIE <sub>LCh</sub>	36, 29.635, 161.483
Yxy	9.0566, 0.2632, 0.4136
Android (android.graphics.Color)	4280115269 (0xFF1D6045)
YUV	72.8890, -1.9173, -38.4907
Hunter-Lab	30.0942, -18.4780, 7.1281




# Details

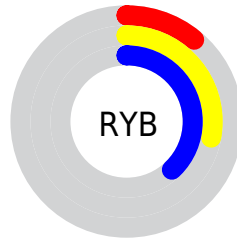
The Hex color **1D6045** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **601D38**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **529375**, and **00311A** is the 20% darker color. If you saturate the color by 10%, you get **136041**, and if you desaturate by 10%, it is **276049**.

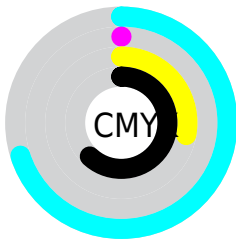
# Distribution







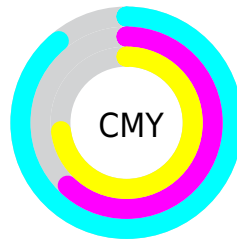
-  Red (11%)
-  Green (38%)
-  Blue (27%)






-  Red (11%)
-  Yellow (28%)
-  Blue (38%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (28%)
-  Black (62%)



-  Cyan (89%)
-  Magenta (62%)
-  Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D6045 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 1D6045 by changing the saturation by 10% instead.



 1D6045

 1D6045

FFFFFF

 00482F

 529375

 00311A

 6CAE8F

 001E00

 87CAA9

 000000

 A2E6C5

 BEFFE1

 DAFFFD

 F7FFFF

 1D6045

 1D6045

■ 136041

■ 276049

■ 0A603D

■ 30604D

■ 006039

■ 3A6051

■ 436054

■ 4D6058

■ 57605C

■ 606060

■ 6A6064

■ 736068

# Harmonies

## Analogous

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



405D30



1D6045



00615E

# Triad

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



1D6045



3E5483



7E4637

# Complementary

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



1D6045



601D38

# 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.



82414D



1D6045



634B79

# Square

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



1D6045



005B82



794365



6F4E28

# Rectangle

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



1D6045



00606D



794365



80443D



# Sweetspot

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



1D6045



637D72



39601D



304039



BFBFBF



404040



# Same Dimension

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



1D6045



147D53



1D5A60



2C302E



007043



00F08F



# Inverse Universe

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



601D38



7D143E



60231D



302C2E



70002D

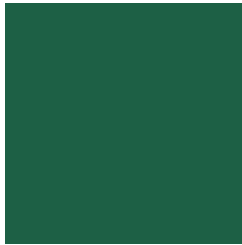


F00061



# Previews

## White Background



This preview shows how the Hex color 1D6045 looks on a white background.

## Color Contrast Check

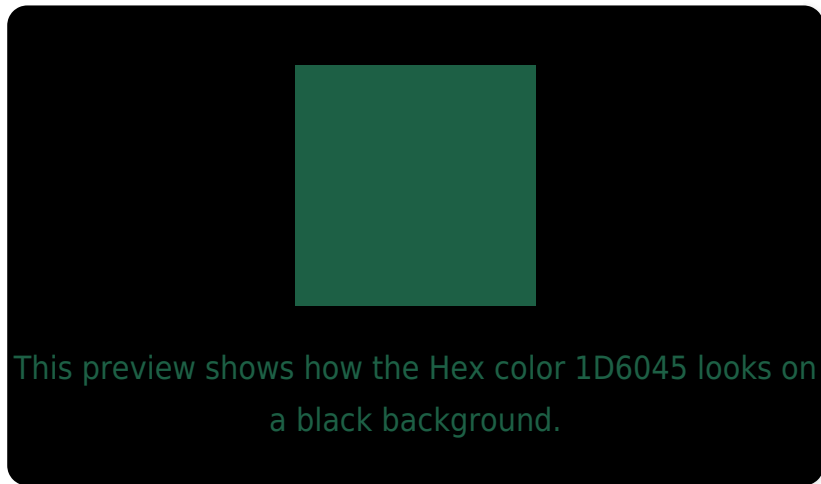
Large Text (above 18pt) WCAG AA ✓ Pass

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

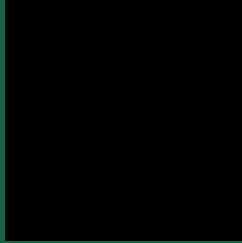
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D6045 Background



This preview shows how black text looks on a background with the Hex color 1D6045.

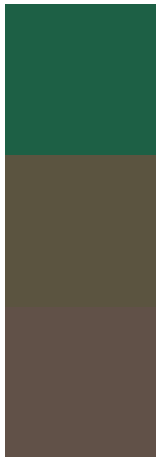


This preview shows how white text looks on a background with the Hex color 1D6045.

# 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**  
1D6045

**Protanopia**  
5B5440

**Deuteranopia**  
615148



# Trichromacy



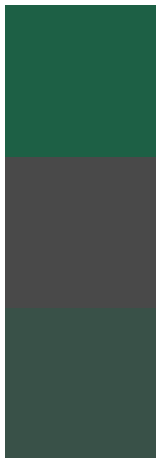
**Original Color**  
1D6045

**Protanomaly**  
445842

**Deuteranomaly**  
485647

**Tritanomaly**  
255D59

# Monochromacy



**Original Color**  
1D6045

**Achromatopsia**  
494949

**Achromatomaly**  
395148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D6045 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 #1D6045 looks like.

```
.text, #text, p{  
    color:#1D6045  
}
```

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 #1D6045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6045
}
```

## Border

The CSS property to change the border of an element to Hex 1D6045 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
#1D6045 }
```

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

```
.border{ border-color:#1D6045 }
```

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

Here you see how a box with a 4 pixel #1D6045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6045; -webkit-box-shadow:4px 4px  
4px 4px #1D6045; box-shadow:4px 4px 4px  
4px #1D6045 }
```

# Background

The CSS property to change the background color of an element to Hex 1D6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6045 }
```

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

```
.background{ background-color:#1D6045 }
```

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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