

Converting Colors

Hex(1B6045)

Have a look what the booklet for
Hex(1B6045) contains.

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Color

Hex(1B6045)

Conversions

Conversions Part 1

Format	Color
Hex	1B6045
RGB	27, 96, 69
RGB Percent	11%, 38%, 27%
CMY	0.8941, 0.6235, 0.7294
CMYK	0.72, 0.00, 0.28, 0.62
HSL	157°, 56%, 24%
HSV	157°, 72%, 38%
XYZ	5.7090, 9.0284, 7.0720
YIQ	72.2910, -32.4570, -23.0250

Conversions

Conversions Part 2

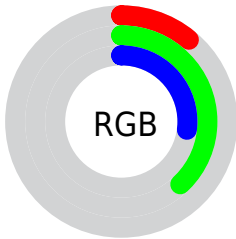
Format	Color
RYB	27, 70, 96
Decimal	1794117
CIELab	36.04, -28.49, 9.33
CIELCh	36, 29.980, 161.871
Yxy	9.0284, 0.2618, 0.4140
Android (android.graphics.Color)	4279984197 (0xFF1B6045)
YUV	72.2910, -1.6225, -39.7202
Hunter-Lab	30.0473, -18.6675, 7.0786




Details

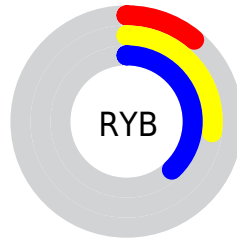
The Hex color **1B6045** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **601B36**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **519375**, and **00311A** is the 20% darker color. If you saturate the color by 10%, you get **116041**, and if you desaturate by 10%, it is **256049**.

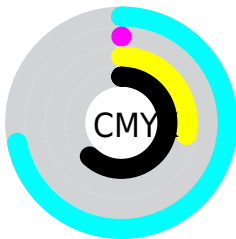
Distribution







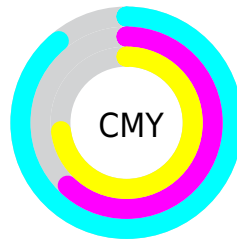
-  Red (11%)
-  Green (38%)
-  Blue (27%)






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



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (28%)
-  Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6045 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 1B6045 by changing the saturation by 10% instead.

 1B6045

 1B6045

FFFFFF

 00482F

 519375

 00311A

 6BAE8F

 001D00

 85CAA9

 000000

 A1E6C5

 BCFFE1

 D9FFFD

 F6FFFF

 1B6045

 1B6045

■ 116041

■ 256049

■ 08603D

■ 2E604D

■ 00603A

■ 386050

■ 416054

■ 4B6058

■ 55605C

■ 5E605F

■ 686063

■ 716067

Harmonies

Analogous

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



405D30



1B6045



00615E

Triad

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



1B6045



3E5484



7E4636

Complementary

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



1B6045



601B36

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.



82414C



1B6045



634B79

Square

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



1B6045



005B82



7A4364



6F4E27

Rectangle

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



1B6045



00606D



7A4364



81433D

Sweetspot

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



1B6045



617D72



37601B



2F4039



BFBFBF



404040

Same Dimension

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



1B6045



117D53



1B5960



2C302F



007044



00F092

Inverse Universe

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



601B36



7D113C



60221B



302C2E



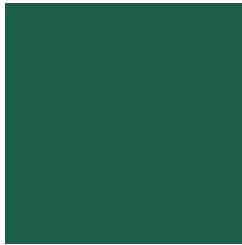
70002C



F0005E

Previews

White Background



This preview shows how the Hex color 1B6045 looks on a white background.

Color Contrast Check

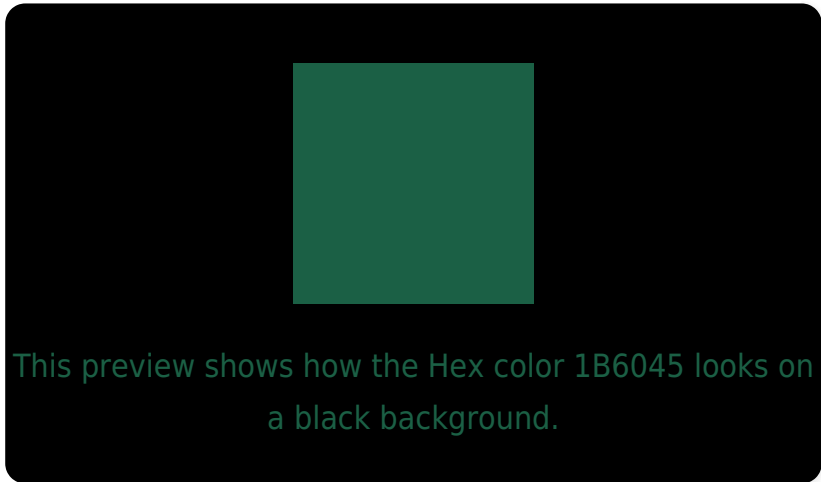
Large Text (above 18pt) WCAG AA ✓ Pass

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

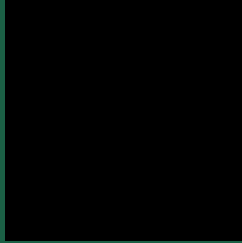
Any Text WCAG AA × Fail

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 1B6045 Background



This preview shows how black text looks on a background with the Hex color 1B6045.



This preview shows how white text looks on a background with the Hex color 1B6045.

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
1B6045

Protanopia
5A5440

Deuteranopia
615148



Tritanopia
285C64

Trichromacy



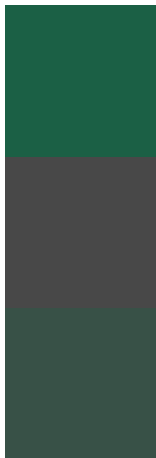
Original Color
1B6045

Protanomaly
435842

Deuteranomaly
485647

Tritanomaly
235D59

Monochromacy



Original Color
1B6045

Achromatopsia
484848

Achromatomaly
385147

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6045 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 #1B6045 looks like.

```
.text, #text, p{  
    color:#1B6045  
}
```

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 #1B6045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6045
}
```

Border

The CSS property to change the border of an element to Hex 1B6045 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
#1B6045 }
```

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

```
.border{ border-color:#1B6045 }
```

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

Here you see how a box with a 4 pixel #1B6045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6045; -webkit-box-shadow:4px 4px  
4px 4px #1B6045; box-shadow:4px 4px 4px  
4px #1B6045 }
```

Background

The CSS property to change the background color of an element to Hex 1B6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6045 }
```

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

```
.background{ background-color:#1B6045 }
```

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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