

Converting Colors

Hex(1B6040)

Have a look what the booklet for
Hex(1B6040) contains.

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Color

Hex(1B6040)

Conversions

Conversions Part 1

Format	Color
Hex	1B6040
RGB	27, 96, 64
RGB Percent	11%, 38%, 25%
CMY	0.8941, 0.6235, 0.7490
CMYK	0.72, 0.00, 0.33, 0.62
HSL	152°, 56%, 24%
HSV	152°, 72%, 38%
XYZ	5.5603, 8.9689, 6.2886
YIQ	71.7210, -30.8520, -24.5800

Conversions

Conversions Part 2

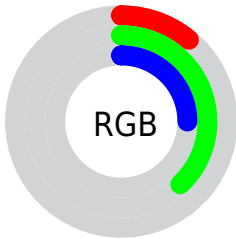
Format	Color
RYB	27, 72, 96
Decimal	1794112
CIELab	35.92, -29.71, 12.22
CIElCh	36, 32.127, 157.651
Yxy	8.9689, 0.2671, 0.4308
Android (android.graphics.Color)	4279984192 (0xFF1B6040)
YUV	71.7210, -3.8065, -39.2203
Hunter-Lab	29.9482, -19.2683, 8.5138

Details

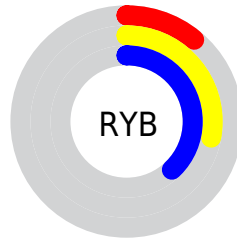
The Hex color **1B6040** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **601B3B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **519370**, and **003115** is the 20% darker color. If you saturate the color by 10%, you get **11603C**, and if you desaturate by 10%, it is **256044**.

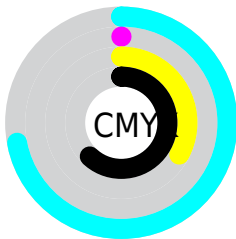
Distribution



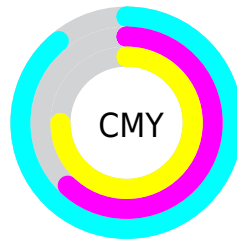
- Red (11%)
- Green (38%)
- Blue (25%)



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



- Cyan (72%)
- Magenta (0%)
- Yellow (33%)
- Black (62%)



- Cyan (89%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6040 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 1B6040 by changing the saturation by 10% instead.

 1B6040

 1B6040

FFFFFF

 00482A

 519370

 003115

 6BAE89

 001D00

 85CAA4

 000000

 A1E6BF

 BCFFDB

 D9FFF7

 F6FFFF

 1B6040

 1B6040

■ 11603C

■ 256044

■ 086037

■ 2E6049

■ 006033

■ 38604D

■ 416052

■ 4B6056

■ 55605B

■ 5E605F

■ 686064

■ 716068

Harmonies

Analogous

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



425C2A



1B6040



00615B

Triad

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



1B6040



335587



814336

Complementary

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



1B6040



601B3B

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.



843E4F



1B6040



5F4B7D

Square

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



1B6040



005C84



794269



734C24

Rectangle

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



1B6040



00616C



794269



84413E

Sweetspot

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



1B6040



617D70



3B601B



2F4038



BFBFBF



404040

Same Dimension

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



1B6040



117D4B



1B5E60



2C302E



00703C



00F081

Inverse Universe

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



601B3B



7D1143



601D1B



302C2E



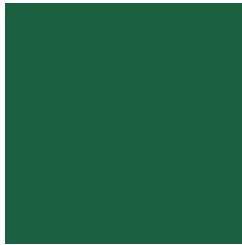
700034



F0006F

Previews

White Background



This preview shows how the Hex color 1B6040 looks on a white background.

Color Contrast Check

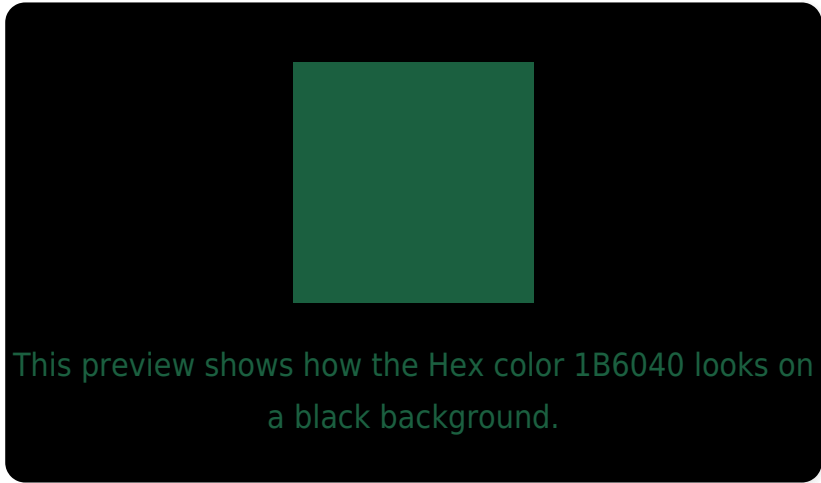
Large Text (above 18pt) WCAG AA ✓ Pass

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

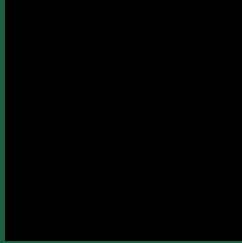
Any Text WCAG AA × Fail

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 1B6040 Background



This preview shows how black text looks on a background with the Hex color 1B6040.



This preview shows how white text looks on a background with the Hex color 1B6040.

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
1B6040

Protanopia
5B543B

Deuteranopia
625143



Tritanopia
2A5C63

Trichromacy



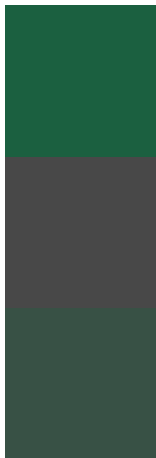
Original Color
1B6040

Protanomaly
44583D

Deuteranomaly
485642

Tritanomaly
255D56

Monochromacy



Original Color
1B6040

Achromatopsia
484848

Achromatomaly
385145

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6040 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 #1B6040 looks like.

```
.text, #text, p{  
    color:#1B6040  
}
```

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 #1B6040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6040
}
```

Border

The CSS property to change the border of an element to Hex 1B6040 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
#1B6040 }
```

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

```
.border{ border-color:#1B6040 }
```

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

Here you see how a box with a 4 pixel #1B6040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6040; -webkit-box-shadow:4px 4px  
4px 4px #1B6040; box-shadow:4px 4px 4px  
4px #1B6040 }
```

Background

The CSS property to change the background color of an element to Hex 1B6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6040 }
```

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

```
.background{ background-color:#1B6040 }
```

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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