

Converting Colors

Hex(1B6935)

Have a look what the booklet for
Hex(1B6935) contains.

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Color

Hex(1B6935)

Conversions

Conversions Part 1

Format	Color
Hex	1B6935
RGB	27, 105, 53
RGB Percent	11%, 41%, 21%
CMY	0.8941, 0.5882, 0.7922
CMYK	0.74, 0.00, 0.50, 0.59
HSL	140°, 59%, 26%
HSV	140°, 74%, 41%
XYZ	6.1462, 10.5932, 5.0889
YIQ	75.7500, -29.7960, -32.7080

Conversions

Conversions Part 2

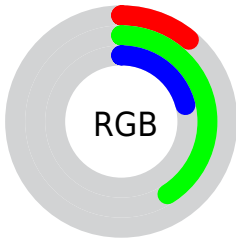
Format	Color
RYB	27, 86, 105
Decimal	1796405
CIELab	38.89, -35.89, 22.59
CIElCh	39, 42.408, 147.813
Yxy	10.5932, 0.2816, 0.4853
Android (android.graphics.Color)	4279986485 (0xFF1B6935)
YUV	75.7500, -11.2157, -42.7537
Hunter-Lab	32.5472, -23.2499, 13.5128

Details

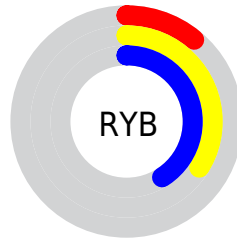
The Hex color **1B6935** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **691B4F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **539D65**, and **003908** is the 20% darker color. If you saturate the color by 10%, you get **11692E**, and if you desaturate by 10%, it is **26693C**.

Distribution



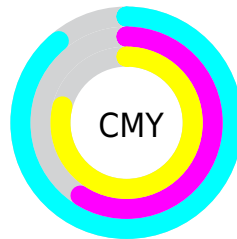
- Red (11%)
- Green (41%)
- Blue (21%)



- Red (11%)
- Yellow (34%)
- Blue (41%)



- Cyan (74%)
- Magenta (0%)
- Yellow (50%)
- Black (59%)



- Cyan (89%)
- Magenta (59%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6935 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 1B6935 by changing the saturation by 10% instead.

 1B6935

 1B6935

FFFFFF

 00501F

 539D65

 003908

 6EB87E

 002400

 89D498

 000000

 A4F1B3

 C0FFCE

 DDFE8B

 FAF8E8

 1B6935

 1B6935

■ 11692E

■ 26693C

■ 066927

■ 306943

■ 006923

■ 3B694A

■ 456951

■ 506958

■ 5A695F

■ 656966

■ 6F696D

■ 7A6974

Harmonies

Analogous

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



4E6319



1B6935



006C58

Triad

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



1B6935



0060A0



983F3E

Complementary

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



1B6935



691B4F

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.



973B60



1B6935



575499

Square

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



1B6935



006895



834581



8A4C21

Rectangle

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



1B6935



006C70



834581



9A3C49

Sweetspot

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



1B6935



6B8A76



4F691B



334539



C4C4C4



454545

Same Dimension

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



1B6935



0F8A38



1B695C



303632



007527



00F552

Inverse Universe

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



691B4F



8A0F61



691B28



363034



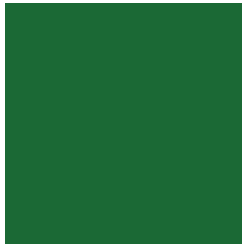
75004E



F500A3

Previews

White Background



This preview shows how the Hex color 1B6935 looks on a white background.

Color Contrast Check

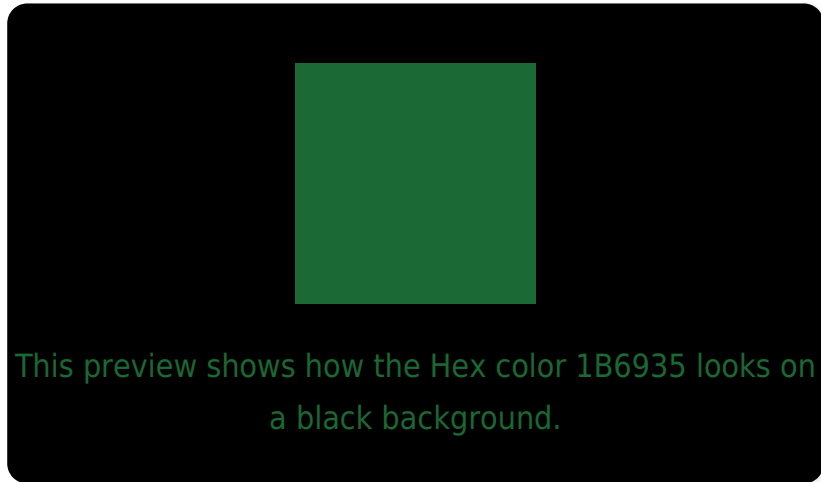
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B6935 Background



This preview shows how black text looks on a background with the Hex color 1B6935.



This preview shows how white text looks on a background with the Hex color 1B6935.

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
1B6935

Protanopia
655B30

Deuteranopia
6E5739



Tritanopia
2F636B

Trichromacy



Original Color
1B6935

Protanomaly
4A6032

Deuteranomaly
505E38

Tritanomaly
286557

Monochromacy



Original Color
1B6935

Achromatopsia
4C4C4C

Achromatomaly
3A5744

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6935 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 #1B6935 looks like.

```
.text, #text, p{  
    color:#1B6935  
}
```

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 #1B6935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6935
}
```

Border

The CSS property to change the border of an element to Hex 1B6935 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
#1B6935 }
```

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

```
.border{ border-color:#1B6935 }
```

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

Here you see how a box with a 4 pixel #1B6935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6935; -webkit-box-shadow:4px 4px  
4px 4px #1B6935; box-shadow:4px 4px 4px  
4px #1B6935 }
```

Background

The CSS property to change the background color of an element to Hex 1B6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6935 }
```

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

```
.background{ background-color:#1B6935 }
```

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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