

Converting Colors

Hex(1B8721)

Have a look what the booklet for
Hex(1B8721) contains.

Hex(1B8721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B8721)

Conversions

Conversions Part 1

Format	Color
Hex	1B8721
RGB	27, 135, 33
RGB Percent	11%, 53%, 13%
CMY	0.8941, 0.4706, 0.8706
CMYK	0.80, 0.00, 0.76, 0.47
HSL	123°, 67%, 32%
HSV	123°, 80%, 53%
XYZ	9.3905, 17.6708, 4.3547
YIQ	91.0800, -31.6260, -54.6180

Conversions

Conversions Part 2

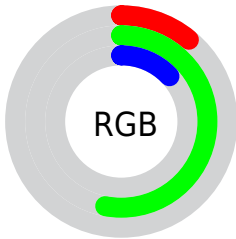
Format	Color
R_{YB}	27, 129, 135
Decimal	1804065
CIE _{Lab}	49.09, -49.43, 43.84
CIE _{LCh}	49, 66.070, 138.434
Yxy	17.6708, 0.2989, 0.5625
Android (android.graphics.Color)	4279994145 (0xFF1B8721)
YUV	91.0800, -28.6334, -56.1982
Hunter-Lab	42.0366, -33.6893, 23.2836

Details

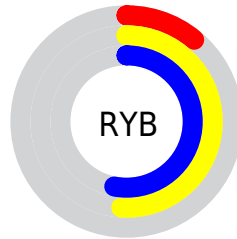
The Hex color **1B8721** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **871B81**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5CBD54**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **0D8714**, and if you desaturate by 10%, it is **29872E**.

Distribution



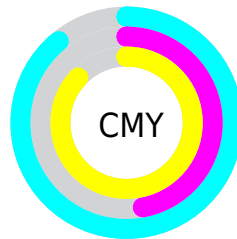
- Red (11%)
- Green (53%)
- Blue (13%)



- Red (11%)
- Yellow (51%)
- Blue (53%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8721 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 1B8721 by changing the saturation by 10% instead.



1B8721



1B8721

FFFFFF



006D01



5CBD54



005400



79DA6E



003B00



95F689



002600



B2FFA4



000000



CFFFBF



ECFFDC



FFFFFF9



1B8721



1B8721

■ 0D8714

■ 29872E

■ 008708

■ 36873B

■ 448747

■ 518754

■ 5E8761

■ 6C876E

■ 7A877A

■ 878787

■ 958794

Harmonies

Analogous

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



6D7C00



1B8721



008C5C

Triad

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



1B8721



0082E3



D63755

Complementary

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



1B8721



871B81

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.



CD388D



1B8721



396FE0

Square

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



1B8721



008BC8



A154C0



C4511F

Rectangle

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



1B8721



008D84



A154C0



D63367

Sweetspot

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



1B8721



86B088



82871B



3F5941



D9D9D9



595959

Same Dimension

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



1B8721



07B010



1B8756



3C423C



008207



000300

Inverse Universe

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



871B81



B007A7



871B4C



423C42



82007B



030002

Previews

White Background



This preview shows how the Hex color 1B8721 looks on a white background.

Color Contrast Check

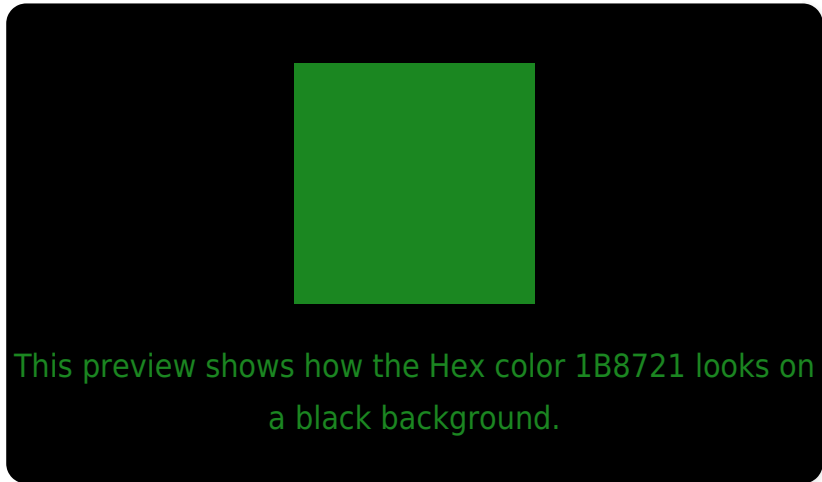
Large Text (above 18pt) WCAG AA ✓ Pass

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

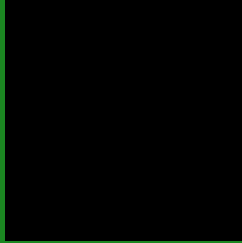
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1B8721 Background



This preview shows how black text looks on a background with the Hex color 1B8721.

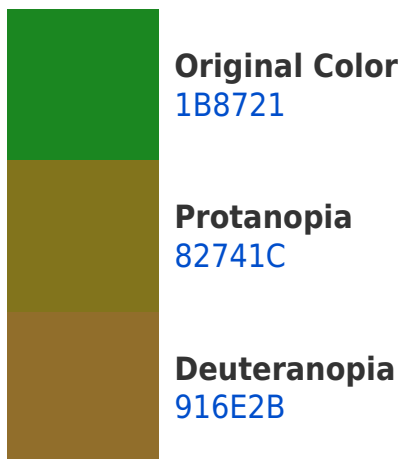


This preview shows how white text looks on a background with the Hex color 1B8721.

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





Tritanopia
3D7E88

Trichromacy



Original Color
1B8721



Protanomaly
5D7B1E



Deuteranomaly
667727



Tritanomaly
318163

Monochromacy



Original Color
1B8721



Achromatopsia
5B5B5B



Achromatomaly
446B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8721 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 #1B8721 looks like.

```
.text, #text, p{  
    color:#1B8721  
}
```

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 #1B8721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8721
}
```

Border

The CSS property to change the border of an element to Hex 1B8721 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
#1B8721 }
```

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

```
.border{ border-color:#1B8721 }
```

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

Here you see how a box with a 4 pixel #1B8721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8721; -webkit-box-shadow:4px 4px  
4px 4px #1B8721; box-shadow:4px 4px 4px  
4px #1B8721 }
```

Background

The CSS property to change the background color of an element to Hex 1B8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8721 }
```

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

```
.background{ background-color:#1B8721 }
```

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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