

# Converting Colors

Hex(1B8469)

Have a look what the booklet for  
Hex(1B8469) contains.

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**Color**

**Hex(1B8469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B8469
RGB	27, 132, 105
RGB Percent	11%, 52%, 41%
CMY	0.8941, 0.4824, 0.5882
CMYK	0.80, 0.00, 0.20, 0.48
HSL	165°, 66%, 31%
HSV	165°, 80%, 52%
XYZ	11.2531, 17.7555, 16.1987
YIQ	97.5270, -53.9130, -30.6570

# Conversions

## Conversions Part 2

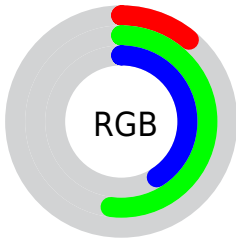
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 87, 132
Decimal	1803369
CIE <sub>Lab</sub>	49.20, -35.51, 6.44
CIE <sub>LCh</sub>	49, 36.088, 169.727
Yxy	17.7555, 0.2489, 0.3928
Android (android.graphics.Color)	4279993449 (0xFF1B8469)
YUV	97.5270, 3.6842, -61.8522
Hunter-Lab	42.1372, -26.0704, 6.7034

# Details

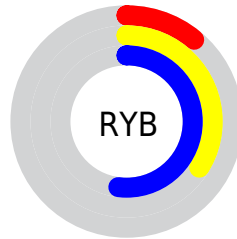
The Hex color **1B8469** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **841B36**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5ABA9C**, and **00513A** is the 20% darker color. If you saturate the color by 10%, you get **0E8466**, and if you desaturate by 10%, it is **28846C**.

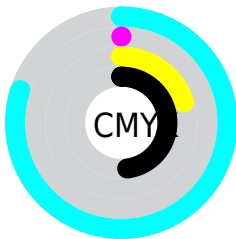
# Distribution



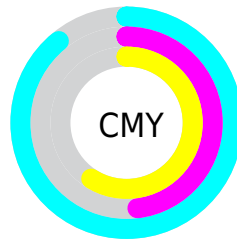
- Red (11%)
- Green (52%)
- Blue (41%)



- Red (11%)
- Yellow (34%)
- Blue (52%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (48%)



- Cyan (89%)
- Magenta (48%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B8469 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 1B8469 by changing the saturation by 10% instead.





1B8469



1B8469

FFFFFF



006A51



5ABA9C



00513A



76D6B7



003A24



92F2D3



00250F



AFFFEF



000000



CCFFFF



E9FFFF



1B8469



1B8469



0E8466



28846C

■ 018462

■ 358470

■ 008462

■ 438473

■ 508477

■ 5D847A

■ 6A847D

■ 778481

■ 858484

■ 928488

# Harmonies

## Analogous

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



50804C



1B8469



008589

# Triad

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



1B8469



6771AE



A66547

# Complementary

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



1B8469



841B36

# 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.



AF5D62



1B8469



91659D

# Square

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



1B8469



247BB1



A95D81



917038

# Rectangle

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



1B8469



00839B



A95D81



AA614F



# Sweetspot

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



1B8469



82ABA0



37841B



3E5750



D6D6D6



575757



# Same Dimension

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



1B8469



09AB81



1B6C84



3C4241



008261



000302



# Inverse Universe

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



841B36



AB0932



84341B



423C3D



820021



030001



# Previews

## White Background



This preview shows how the Hex color 1B8469 looks on a white background.

## Color Contrast Check

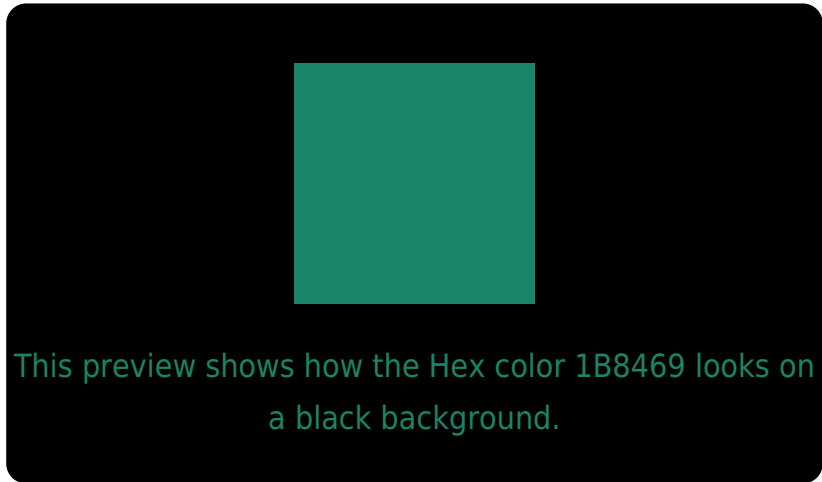
Large Text (above 18pt) WCAG AA ✓ Pass

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

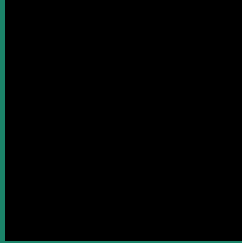
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1B8469 Background



This preview shows how black text looks on a background with the Hex color 1B8469.



This preview shows how white text looks on a background with the Hex color 1B8469.

# 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**  
1B8469

**Protanopia**  
7B7461

**Deuteranopia**  
82706D



**Tritanopia**  
2F808A

# Trichromacy



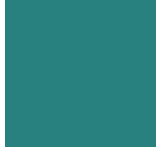
**Original Color**  
1B8469



**Protanomaly**  
587A64



**Deuteranomaly**  
5D776C



**Tritanomaly**  
28817E

# Monochromacy



**Original Color**  
1B8469



**Achromatopsia**  
626262



**Achromatomaly**  
486E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B8469 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 #1B8469 looks like.

```
.text, #text, p{  
    color:#1B8469  
}
```

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 #1B8469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8469
}
```

## Border

The CSS property to change the border of an element to Hex 1B8469 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
#1B8469 }
```

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

```
.border{ border-color:#1B8469 }
```

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

Here you see how a box with a 4 pixel #1B8469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8469; -webkit-box-shadow:4px 4px  
4px 4px #1B8469; box-shadow:4px 4px 4px  
4px #1B8469 }
```

# Background

The CSS property to change the background color of an element to Hex 1B8469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8469 }
```

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

```
.background{ background-color:#1B8469 }
```

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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