

Converting Colors

Hex(1B8567)

Have a look what the booklet for
Hex(1B8567) contains.

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Color

Hex(1B8567)

Conversions

Conversions Part 1

Format	Color
Hex	1B8567
RGB	27, 133, 103
RGB Percent	11%, 52%, 40%
CMY	0.8941, 0.4784, 0.5961
CMYK	0.80, 0.00, 0.23, 0.48
HSL	163°, 66%, 31%
HSV	163°, 80%, 52%
XYZ	11.2877, 17.9873, 15.7089
YIQ	97.8860, -53.5460, -31.8020

Conversions

Conversions Part 2

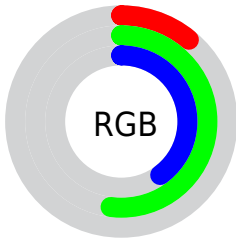
Format	Color
R_{YB}	27, 89, 133
Decimal	1803623
CIE _{Lab}	49.48, -36.48, 8.00
CIE _{LCh}	49, 37.344, 167.627
Yxy	17.9873, 0.2509, 0.3999
Android (android.graphics.Color)	4279993703 (0xFF1B8567)
YUV	97.8860, 2.5212, -62.1670
Hunter-Lab	42.4115, -26.7128, 7.7274

Details

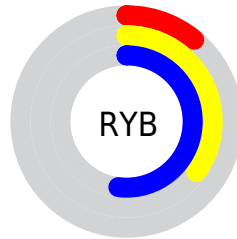
The Hex color **1B8567** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **851B39**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5ABB9A**, and **005238** is the 20% darker color. If you saturate the color by 10%, you get **0E8563**, and if you desaturate by 10%, it is **28856B**.

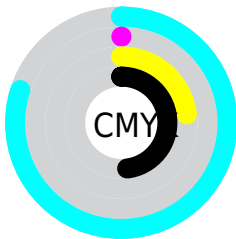
Distribution



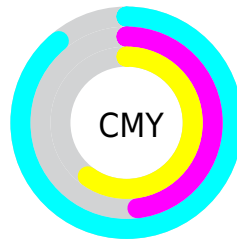
- Red (11%)
- Green (52%)
- Blue (40%)



- Red (11%)
- Yellow (35%)
- Blue (52%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (48%)



- Cyan (89%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8567 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 1B8567 by changing the saturation by 10% instead.



1B8567



1B8567

FFFFFF



006B4F



5ABB9A



005238



76D7B5



003A23



92F4D0



00260D



AFF FED



000000



CCFFFF



E9FFFF



1B8567



1B8567



0E8563



28856B

■ 00855F

■ 36856F

■ 438572

■ 508576

■ 5E857A

■ 6B857E

■ 788581

■ 858585

■ 938589

Harmonies

Analogous

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



528149



1B8567



008688

Triad

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



1B8567



6372B2



A96448

Complementary

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



1B8567



851B39

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.



B25C64



1B8567



9066A1

Square

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



1B8567



117DB3



AA5D84



946F37

Rectangle

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



1B8567



00859B



AA5D84



AE6051

Sweetspot

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



1B8567



84ADA2



39851B



3E5750



D6D6D6



575757

Same Dimension

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



1B8567



07AD7E



1B6E85



3C4240



00825D



000302

Inverse Universe

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



851B39



AD0736



85321B



423C3E



820025



030001

Previews

White Background



This preview shows how the Hex color 1B8567 looks on a white background.

Color Contrast Check

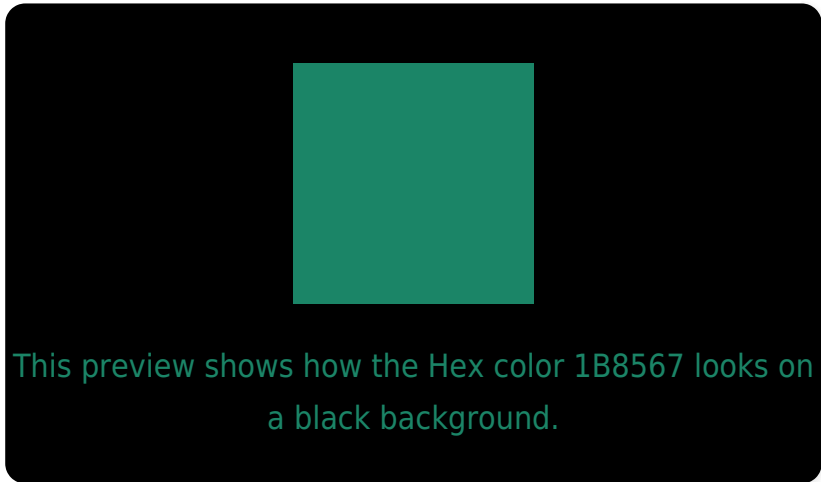
Large Text (above 18pt) WCAG AA ✓ Pass

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

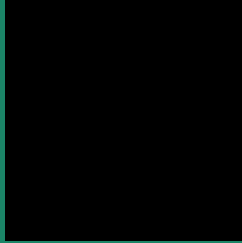
Any Text WCAG AA ✓ Pass

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 1B8567 Background



This preview shows how black text looks on a background with the Hex color 1B8567.



This preview shows how white text looks on a background with the Hex color 1B8567.

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](#).

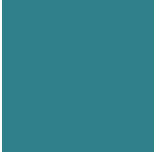
Dichromacy



Original Color
1B8567

Protanopia
7C755F

Deuteranopia
84716B



Tritanopia
30808B

Trichromacy



Original Color
1B8567



Protanomaly
597B62



Deuteranomaly
5E786A



Tritanomaly
28827E

Monochromacy



Original Color
1B8567



Achromatopsia
626262



Achromatomaly
486F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8567 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 #1B8567 looks like.

```
.text, #text, p{  
    color:#1B8567  
}
```

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 #1B8567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8567
}
```

Border

The CSS property to change the border of an element to Hex 1B8567 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
#1B8567 }
```

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

```
.border{ border-color:#1B8567 }
```

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

Here you see how a box with a 4 pixel #1B8567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8567; -webkit-box-shadow:4px 4px  
4px 4px #1B8567; box-shadow:4px 4px 4px  
4px #1B8567 }
```

Background

The CSS property to change the background color of an element to Hex 1B8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8567 }
```

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

```
.background{ background-color:#1B8567 }
```

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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