

Converting Colors

Hex(1B8566)

Have a look what the booklet for
Hex(1B8566) contains.

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Color

Hex(1B8566)

Conversions

Conversions Part 1

Format	Color
Hex	1B8566
RGB	27, 133, 102
RGB Percent	11%, 52%, 40%
CMY	0.8941, 0.4784, 0.6000
CMYK	0.80, 0.00, 0.23, 0.48
HSL	162°, 66%, 31%
HSV	162°, 80%, 52%
XYZ	11.2378, 17.9674, 15.4461
YIQ	97.7720, -53.2250, -32.1130

Conversions

Conversions Part 2

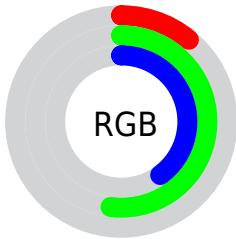
Format	Color
R_{YB}	27, 89, 133
Decimal	1803622
CIE _{Lab}	49.46, -36.73, 8.55
CIE _{LCh}	49, 37.716, 166.900
Yxy	17.9674, 0.2517, 0.4024
Android (android.graphics.Color)	4279993702 (0xFF1B8566)
YUV	97.7720, 2.0844, -62.0670
Hunter-Lab	42.3879, -26.8554, 8.0663

Details

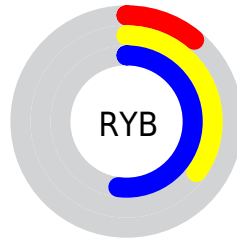
The Hex color **1B8566** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **851B3A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5ABB99**, and **005237** is the 20% darker color. If you saturate the color by 10%, you get **0E8562**, and if you desaturate by 10%, it is **28856A**.

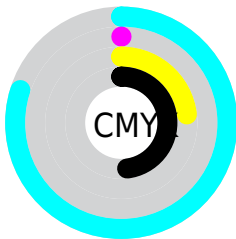
Distribution



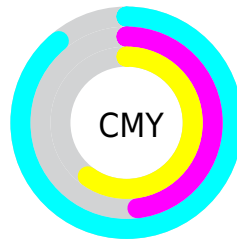
- Red (11%)
- Green (52%)
- Blue (40%)



- 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 1B8566 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 1B8566 by changing the saturation by 10% instead.

 1B8566

 1B8566

FFFFFF

 006B4E

 5ABB99

 005237

 76D7B4

 003A22

 92F4CF

 00260C

 AFFFEC

 000000

 CCFFFF

 E9FFFF

 1B8566

 1B8566

 0E8562

 28856A

■ 00855E

■ 36856E

■ 438572

■ 508576

■ 5E8579

■ 6B857D

■ 788581

■ 858585

■ 938589

Harmonies

Analogous

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



538148



1B8566



008687

Triad

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



1B8566



6173B3



AA6348

Complementary

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



1B8566



851B3A

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.



B25B65



1B8566



8F66A2

Square

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



1B8566



047DB3



AA5D85



956F36

Rectangle

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



1B8566



00859B



AA5D85



AE6051

Sweetspot

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



1B8566



84ADA1



3B851B



3E574F



D6D6D6



575757

Same Dimension

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



1B8566



07AD7D



1B7085



3C4240



00825C



000302

Inverse Universe

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



851B3A



AD0738



85301B



423C3E



820026



030001

Previews

White Background



This preview shows how the Hex color 1B8566 looks on a white background.

Color Contrast Check

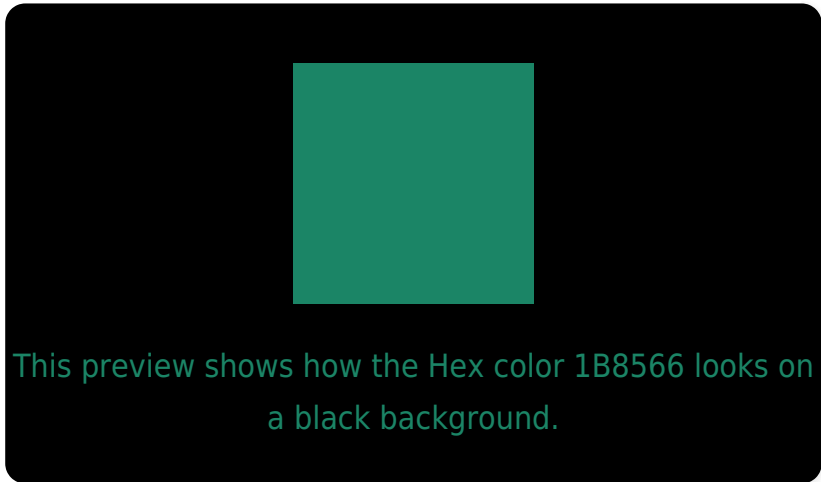
Large Text (above 18pt) WCAG AA ✓ Pass

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

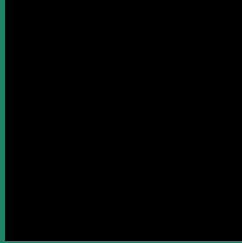
Any Text WCAG AA ✓ Pass

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 1B8566 Background



This preview shows how black text looks on a background with the Hex color 1B8566.



This preview shows how white text looks on a background with the Hex color 1B8566.

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
1B8566

Protanopia
7C755E

Deuteranopia
84716A



Tritanopia
30808B

Trichromacy



Original Color
1B8566



Protanomaly
597B61



Deuteranomaly
5E7869



Tritanomaly
28827E

Monochromacy



Original Color
1B8566



Achromatopsia
626262



Achromatomaly
486F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8566 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 #1B8566 looks like.

```
.text, #text, p{  
    color:#1B8566  
}
```

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 #1B8566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8566
}
```

Border

The CSS property to change the border of an element to Hex 1B8566 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
#1B8566 }
```

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

```
.border{ border-color:#1B8566 }
```

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

Here you see how a box with a 4 pixel #1B8566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8566; -webkit-box-shadow:4px 4px  
4px 4px #1B8566; box-shadow:4px 4px 4px  
4px #1B8566 }
```

Background

The CSS property to change the background color of an element to Hex 1B8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8566 }
```

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

```
.background{ background-color:#1B8566 }
```

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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