

Converting Colors

Hex(08A684)

Have a look what the booklet for
Hex(08A684) contains.

Hex(08A684)	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(08A684)

Conversions

Conversions Part 1

Format	Color
Hex	08A684
RGB	8, 166, 132
RGB Percent	3%, 65%, 52%
CMY	0.9686, 0.3490, 0.4824
CMYK	0.95, 0.00, 0.20, 0.35
HSL	167°, 91%, 34%
HSV	167°, 95%, 65%
XYZ	17.9012, 28.9900, 26.4819
YIQ	114.8820, -83.2540, -44.0700

Conversions

Conversions Part 2

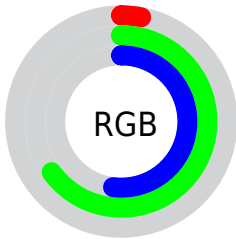
Format	Color
RYB	8, 97, 166
Decimal	566916
CIELab	60.77, -44.31, 7.53
CIELCh	61, 44.946, 170.362
Yxy	28.9900, 0.2440, 0.3951
Android (android.graphics.Color)	4278756996 (0xFF08A684)
YUV	114.8820, 8.4392, -93.7355
Hunter-Lab	53.8424, -34.8774, 8.5283

Details

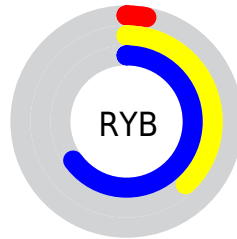
The Hex color **08A684** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A6082A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DDEB9**, and **007153** is the 20% darker color. If you saturate the color by 10%, you get **00A682**, and if you desaturate by 10%, it is **19A688**.

Distribution



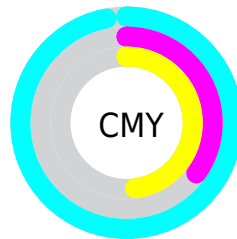
- Red (3%)
- Green (65%)
- Blue (52%)



- Red (3%)
- Yellow (38%)
- Blue (65%)



- Cyan (95%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (97%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08A684 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 08A684 by changing the saturation by 10% instead.



08A684



08A684

FFFFFF



008B6B



5DDEB9



007153



7CFBD5



00583C



9AFFF1



003F26



B7FFFF



002A11



D5FFFF



000500



F3FFFF



000000



08A684



08A684



00A682



19A688

 29A68B

 3AA68F

 4AA692

 5BA696

 6CA699

 7CA69D

 8DA6A1

 9DA6A4

Harmonies

Analogous

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



61A15E



08A684



00A7AD

Triad

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



08A684



818DDD



D17D57

Complementary

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



08A684



A6082A

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.



DD7379



08A684



B77EC6

Square

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



08A684



1F9BE0



D673A1



B58C43

Rectangle

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



08A684



00A5C5



D673A1



D77961

Sweetspot

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



08A684



9AD9CB



2AA608



476E65



EDEDED



6E6E6E

Same Dimension

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



08A684



00D9AA



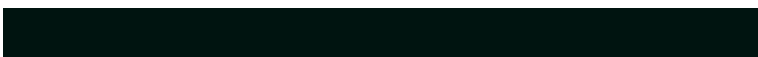
0879A6



4C5452



009474



001410

Inverse Universe

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



A6082A



D9002F



A63508



544C4E



940020



140004

Previews

White Background



This preview shows how the Hex color 08A684 looks on a white background.

Color Contrast Check

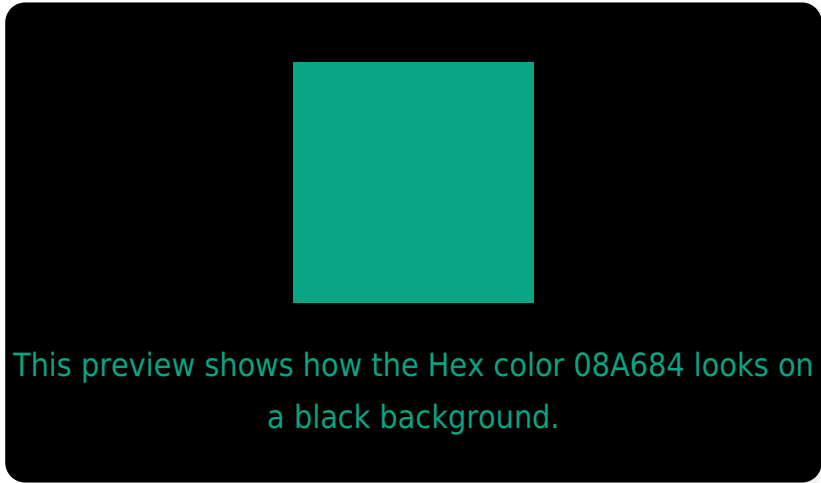
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

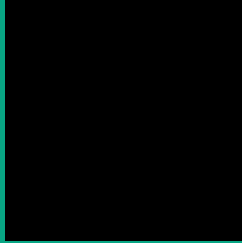
Any Text WCAG AA ✓ Pass

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 08A684 Background



This preview shows how black text looks on a background with the Hex color 08A684.

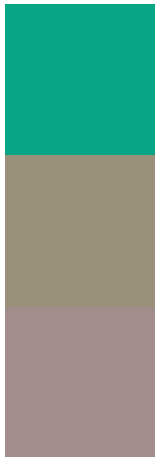


This preview shows how white text looks on a background with the Hex color 08A684.

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
08A684

Protanopia
9A917A

Deuteranopia
A38D8A



Tritanopia
33A0AD

Trichromacy



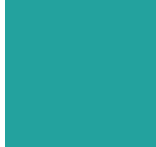
Original Color
08A684



Protanomaly
65997E



Deuteranomaly
6B9688



Tritanomaly
23A29E

Monochromacy



Original Color
08A684



Achromatopsia
737373



Achromatomaly
4C8679

CSS Examples

Text

The CSS property to change the color of the text to Hex 08A684 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 #08A684 looks like.

```
.text, #text, p{  
    color:#08A684  
}
```

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 #08A684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08A684
}
```

Border

The CSS property to change the border of an element to Hex 08A684 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
#08A684 }
```

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

```
.border{ border-color:#08A684 }
```

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

Here you see how a box with a 4 pixel #08A684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08A684; -webkit-box-shadow:4px 4px  
4px 4px #08A684; box-shadow:4px 4px 4px  
4px #08A684 }
```

Background

The CSS property to change the background color of an element to Hex 08A684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08A684 }
```

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

```
.background{ background-color:#08A684 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor