

Converting Colors

Hex(08AE6F)

Have a look what the booklet for
Hex(08AE6F) contains.

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Color

Hex(08AE6F)

Conversions

Conversions Part 1

Format	Color
Hex	08AE6F
RGB	8, 174, 111
RGB Percent	3%, 68%, 44%
CMY	0.9686, 0.3176, 0.5647
CMYK	0.95, 0.00, 0.36, 0.32
HSL	157°, 91%, 36%
HSV	157°, 95%, 68%
XYZ	18.1054, 31.4714, 20.1593
YIQ	117.1840, -78.7130, -54.7850

Conversions

Conversions Part 2

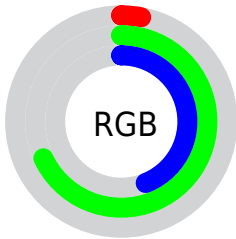
Format	Color
RYB	8, 110, 174
Decimal	568943
CIELab	62.90, -52.41, 22.05
CIELCh	63, 56.860, 157.182
Yxy	31.4714, 0.2596, 0.4513
Android (android.graphics.Color)	4278759023 (0xFF08AE6F)
YUV	117.1840, -3.0487, -95.7544
Hunter-Lab	56.0994, -40.5651, 17.9638

Details

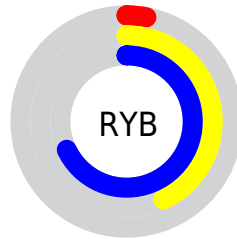
The Hex color **08AE6F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE0847**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EE7A3**, and **00783F** is the 20% darker color. If you saturate the color by 10%, you get **00AE6C**, and if you desaturate by 10%, it is **19AE76**.

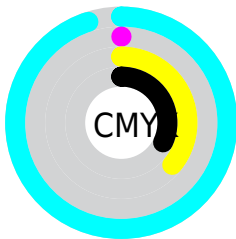
Distribution



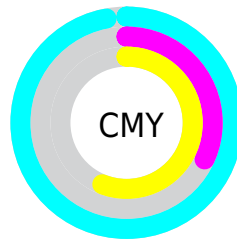
- Red (3%)
- Green (68%)
- Blue (44%)



- Red (3%)
- Yellow (43%)
- Blue (68%)



- Cyan (95%)
- Magenta (0%)
- Yellow (36%)
- Black (32%)



- Cyan (97%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08AE6F 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 08AE6F by changing the saturation by 10% instead.

 08AE6F

 08AE6F

FFFFFF

 009356

 5EE7A3

 00783F

 7DFFBE

 005E28

 9BFFDA

 004512

 B9FFF7

 002F00

 D7FFFF

 001200

 F5FFFF

 000000

 08AE6F

 08AE6F

 00AE6C

 19AE76

 2BAE7C

 3CAE83

 4EAE89

 5FAE90

 70AE97

 82AE9D

 93AEA4

 A5AEA4

Harmonies

Analogous

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



72A743



08AE6F



00B1A3

Triad

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



08AE6F



479AFD



EE745E

Complementary

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



08AE6F



AE0847

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.



F46A8E



08AE6F



AB86E9

Square

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



08AE6F



00A8F5



DF72C0



D28738

Rectangle

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



08AE6F



00B0C5



DF72C0



F36F6D

Sweetspot

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



08AE6F



A1E3CA



48AE08



4B7364



F2F2F2



737373

Same Dimension

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



08AE6F



00E38D



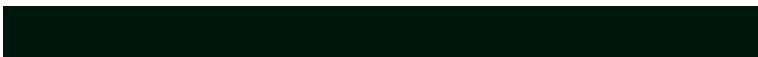
089BAE



4E5753



00965D



00170E

Inverse Universe

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



AE0847



E30056



AE1B08



574E51



960039



170009

Previews

White Background



This preview shows how the Hex color 08AE6F looks on a white background.

Color Contrast Check

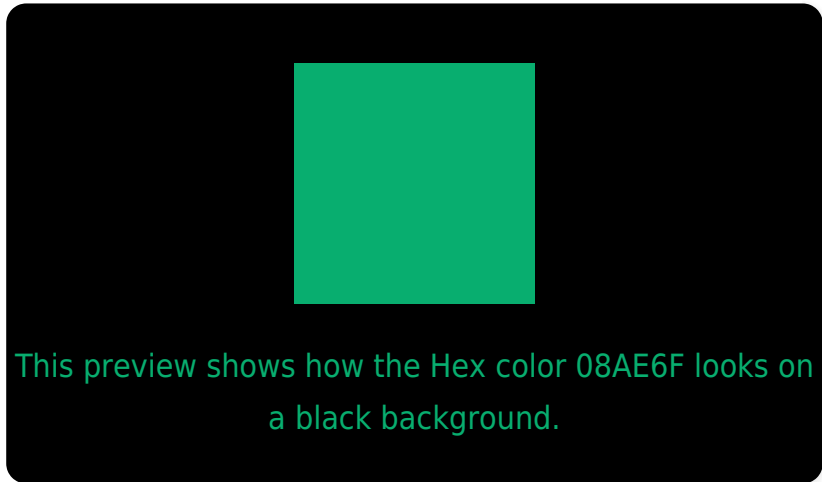
Large Text (above 18pt) WCAG AA × Fail

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

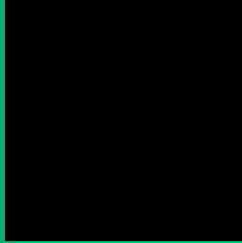
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 08AE6F Background



This preview shows how black text looks on a background with the Hex color 08AE6F.

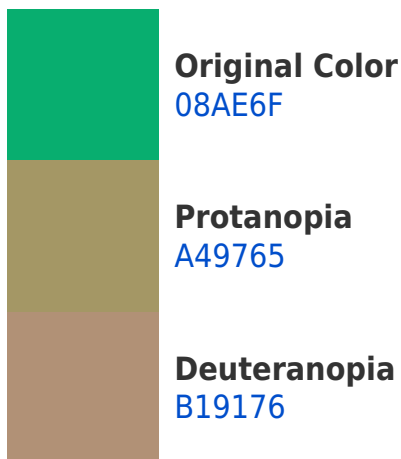


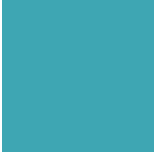
This preview shows how white text looks on a background with the Hex color 08AE6F.

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
3EA6B3

Trichromacy



Original Color
08AE6F



Protanomaly
6B9F69



Deuteranomaly
749C73



Tritanomaly
2AA99A

Monochromacy



Original Color
08AE6F



Achromatopsia
757575



Achromatomaly
4D8A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 08AE6F 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 #08AE6F looks like.

```
.text, #text, p{  
    color:#08AE6F  
}
```

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 #08AE6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08AE6F
}
```

Border

The CSS property to change the border of an element to Hex 08AE6F 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
#08AE6F }
```

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

```
.border{ border-color:#08AE6F }
```

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

Here you see how a box with a 4 pixel #08AE6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08AE6F; -webkit-box-shadow:4px 4px  
4px 4px #08AE6F; box-shadow:4px 4px 4px  
4px #08AE6F }
```

Background

The CSS property to change the background color of an element to Hex 08AE6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08AE6F }
```

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

```
.background{ background-color:#08AE6F }
```

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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