

# Converting Colors

Hex(088F6B)

Have a look what the booklet for  
Hex(088F6B) contains.

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# Color

**Hex(088F6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	088F6B
RGB	8, 143, 107
RGB Percent	3%, 56%, 42%
CMY	0.9686, 0.4392, 0.5804
CMYK	0.94, 0.00, 0.25, 0.44
HSL	164°, 89%, 30%
HSV	164°, 94%, 56%
XYZ	12.5764, 20.7581, 17.2538
YIQ	98.5310, -68.9040, -39.8160

# Conversions

## Conversions Part 2

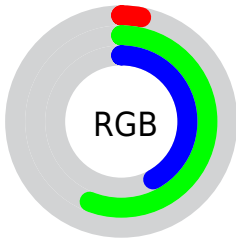
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 86, 143
Decimal	561003
CIELab	52.68, -41.26, 10.19
CIELCh	53, 42.504, 166.125
Yxy	20.7581, 0.2486, 0.4103
Android (android.graphics.Color)	4278751083 (0xFF088F6B)
YUV	98.5310, 4.1752, -79.3957
Hunter-Lab	45.5610, -30.4596, 9.4398

# Details

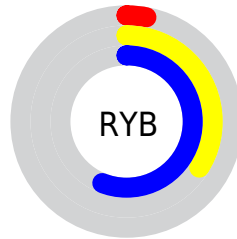
The Hex color **088F6B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F082C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **56C69E**, and **005B3C** is the 20% darker color. If you saturate the color by 10%, you get **008F69**, and if you desaturate by 10%, it is **168F6F**.

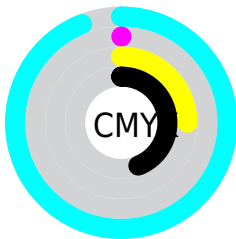
# Distribution



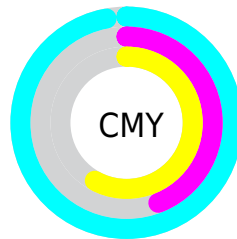
- Red (3%)
- Green (56%)
- Blue (42%)



- Red (3%)
- Yellow (34%)
- Blue (56%)



- Cyan (94%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (97%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 088F6B 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 088F6B by changing the saturation by 10% instead.



 088F6B

 088F6B

FFFFFF

 007553

 56C69E

 005B3C

 73E2B9

 004326

 90FFD5

 002C11

 ADFFF1


 001100

 CAFFF1

 000000

 E8FFFF

 088F6B

 088F6B

 008F69

 168F6F

 258F73

 338F76

 418F7A

 508F7E

 5E8F82

 6C8F86

 7A8F8A

 898F8D

# Harmonies

## Analogous

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



568A49



088F6B



009091

# Triad

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



088F6B



637BC4



B9684B

# Complementary

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



088F6B



8F082C

# 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.



C25F6B



088F6B



996CB1

# Square

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



088F6B



0086C4



B96190



A17635

# Rectangle

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



088F6B



008FA8



B96190



BE6455



# Sweetspot

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



088F6B



86BAAC



2C8F08



3E5E56



DEDEDE



5E5E5E



# Same Dimension

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



088F6B



00BA89



08708F



404745



008763



000806



# Inverse Universe

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



8F082C



BA0032



8F2808



474042



870024



080002



# Previews

## White Background



This preview shows how the Hex color 088F6B looks on a white background.

## Color Contrast Check

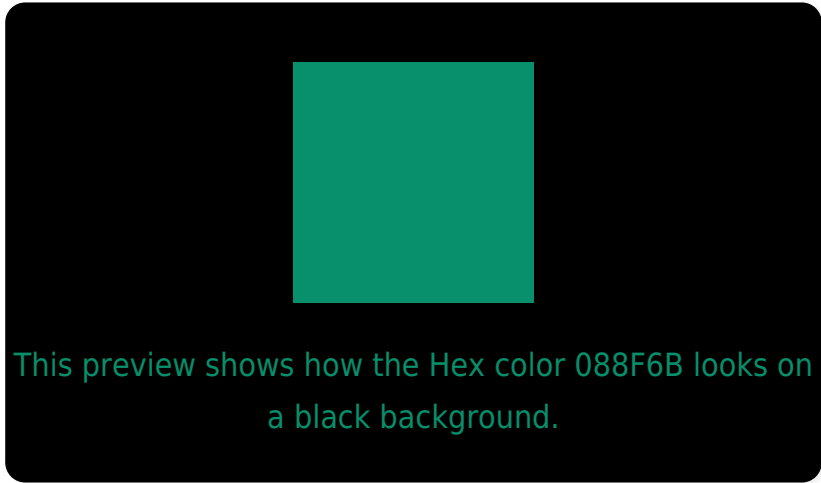
Large Text (above 18pt) WCAG AA ✓ Pass

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

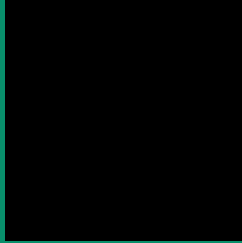
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 088F6B Background



This preview shows how black text looks on a background with the Hex color 088F6B.

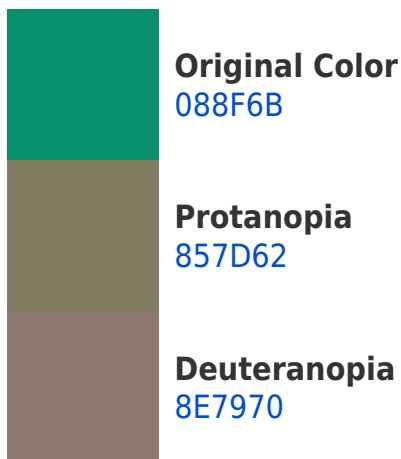


This preview shows how white text looks on a background with the Hex color 088F6B.

# 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**  
2E8A95

# Trichromacy



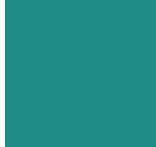
**Original Color**  
088F6B



**Protanomaly**  
588465



**Deuteranomaly**  
5D816E



**Tritanomaly**  
208C86

# Monochromacy



**Original Color**  
088F6B



**Achromatopsia**  
636363



**Achromatomaly**  
427366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 088F6B 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 #088F6B looks like.

```
.text, #text, p{  
    color:#088F6B  
}
```

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 #088F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #088F6B
}
```

## Border

The CSS property to change the border of an element to Hex 088F6B 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
#088F6B }
```

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

```
.border{ border-color:#088F6B }
```

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

Here you see how a box with a 4 pixel #088F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #088F6B; -webkit-box-shadow:4px 4px  
4px 4px #088F6B; box-shadow:4px 4px 4px  
4px #088F6B }
```

# Background

The CSS property to change the background color of an element to Hex 088F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#088F6B }
```

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

```
.background{ background-color:#088F6B }
```

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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